Summer Fellowship Report

on

GRAPHIC DESIGN

Submitted by

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IIT Palakkad

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Last, but not the least , I would like to extend my sincere gratitude to my friends and relatives who have been constant inspiration and motivation.

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Unit 1

1.1 Open Source Software

Free Open Source Software (FOSS), sometimes also called just Open Source or Free Software, is software that is licensed to be free to use, modify, and distribute.

Most FOSS licenses also include a kind of legal condition that requires any changes, such as fixes and enhancements, to be released under the same license.

This creates the all important trust in developers and users that generates large, sustainable communities that continue to grow the software capability over time.

FOSS has been getting steadily better for several decades now. It provides more capability, security, and sustainability than commercial software at much less cost, it runs much of the Internet, and is increasingly the first software option for individuals and organizations alike.

1.2 FOSSEE

FOSSEE (Free and Open Source Software in Education) project promotes the use of free and open-source tools to improve the quality of education in our country. They aim to reduce dependency on proprietary software in educational institutions. They encourage the use of FOSS tools through various activities to ensure that commercial software is replaced by equivalent FOSS tools. They also develop new FOSS tools and upgrade existing tools to meet requirements in academia and research. Incorporated to FOSSEE program, this fellowship's main aim is to introduce students to the FOSS in various engineering fields and to become a part of this big community. We were selected for this fellowship on the basis of screening tasks submitted by us. As part of fellowship program, we got an opportunity to work on GIMP, INKSCAPE, SCRIBUS

1.3 Inkscape

Inkscape is a Free and open source vector graphics editor for GNU/Linux, Windows and MacOS X. It offers a rich set of features and is widely used for both artistic and technical illustrations such as cartoons, clip art, logos, typography, diagramming and flowcharting. It uses vector graphics to allow for sharp printouts and renderings at unlimited resolution and is not bound to a fixed number of pixels like raster graphics. Inkscape uses the standardized SVG file format as its main format, which is supported by many other applications including web browsers.

It can import and export various file formats, including SVG, AI, EPS, PDF, PS and PNG. It has a comprehensive feature set, a simple interface, multi-lingual support and is designed to be extensible; users can customize Inkscape's functionality with add-ons.

GIMP

GIMP is the GNU Image Manipulation Program. It is freely distributed software for such tasks as photo retouching, image composition and image authoring. It works on many operating systems, in many languages. It is distributed under GNU General Public License.

Scribus

Scribus is a page layout program for Linux and many other operating systems. Scribus is one of the premier Open Source desktop applications.

Unit 2

Designing Using Black and White

2.1 LOGO

Objective

How to use element of design line and shape texture with criteria using black and white in a balanced way to create logos.

Software used INKSCAPE, GIMP

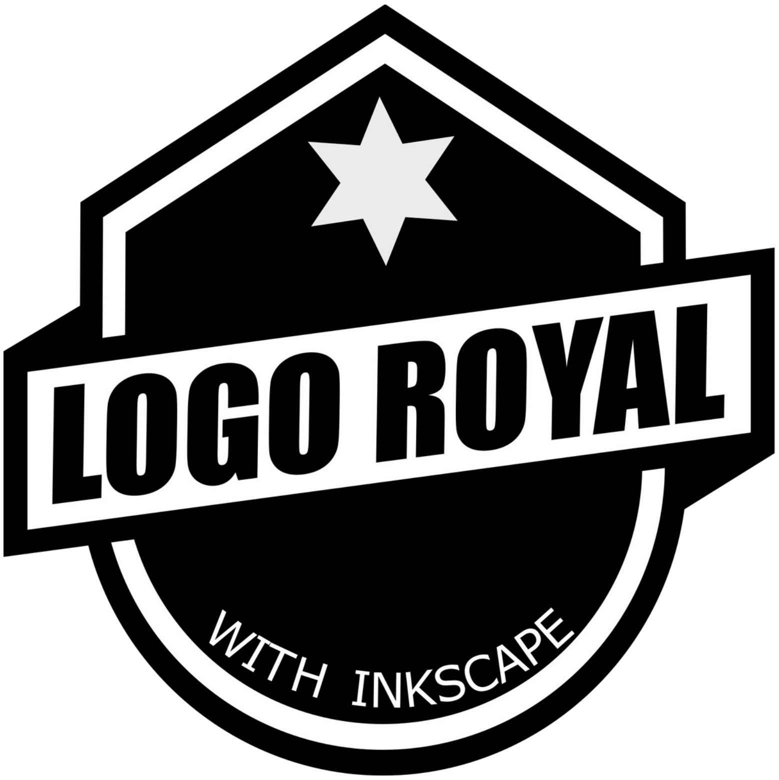
Tools used

1. INKSCAPE tools :- star polygons, rectangular polygon, edit path by node tool, bezier curve tool, straight lines, text and flip selected object horizontal
2. GIMP tools :- move tool, text tool, colour black and white, rectangle select tool, paint brush tool.

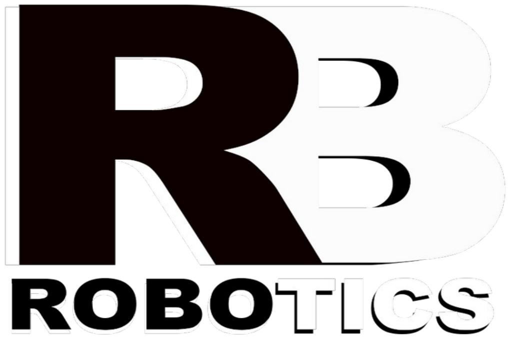
Outcome

Logo created are shown 1 Fig (a), 2 Fig (b) and 2 Fig (c)

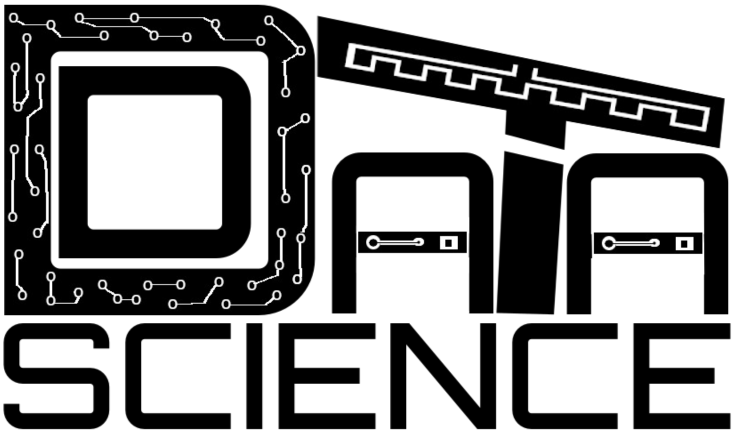
Summary : Size 1280x1280px


LOGO ROYAL
WITH INKSCAPE

1 Fig (a)


RB
ROBOTICS

2 Fig (b)



2 Fig (c)

2.2 Creating Background

Objective

How to create a background using black and white

Software used GIMP

Tools used

GIMP tools :- move tool, text tool,colour black and white, warp transform tool

Outcome

Background created are shown Fig (a) and Fig (b)

Summary : Size 1920x1080px

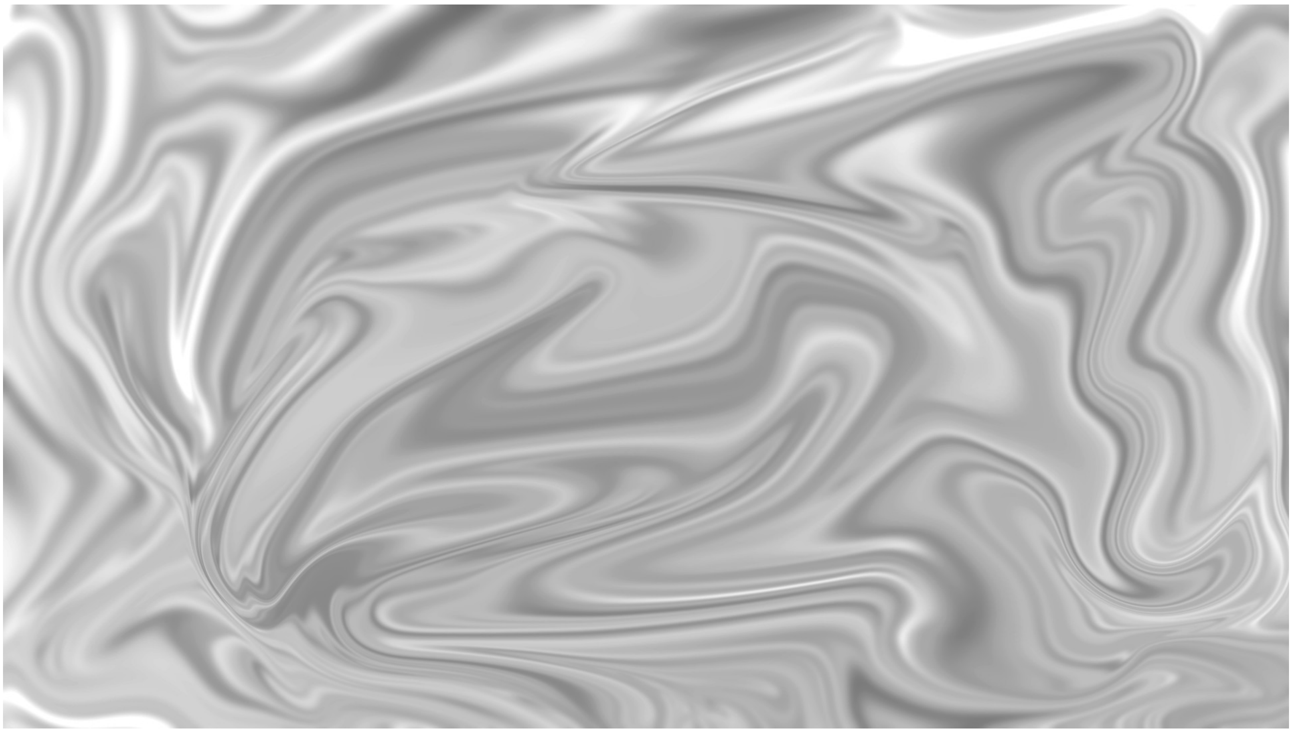


Fig (a)

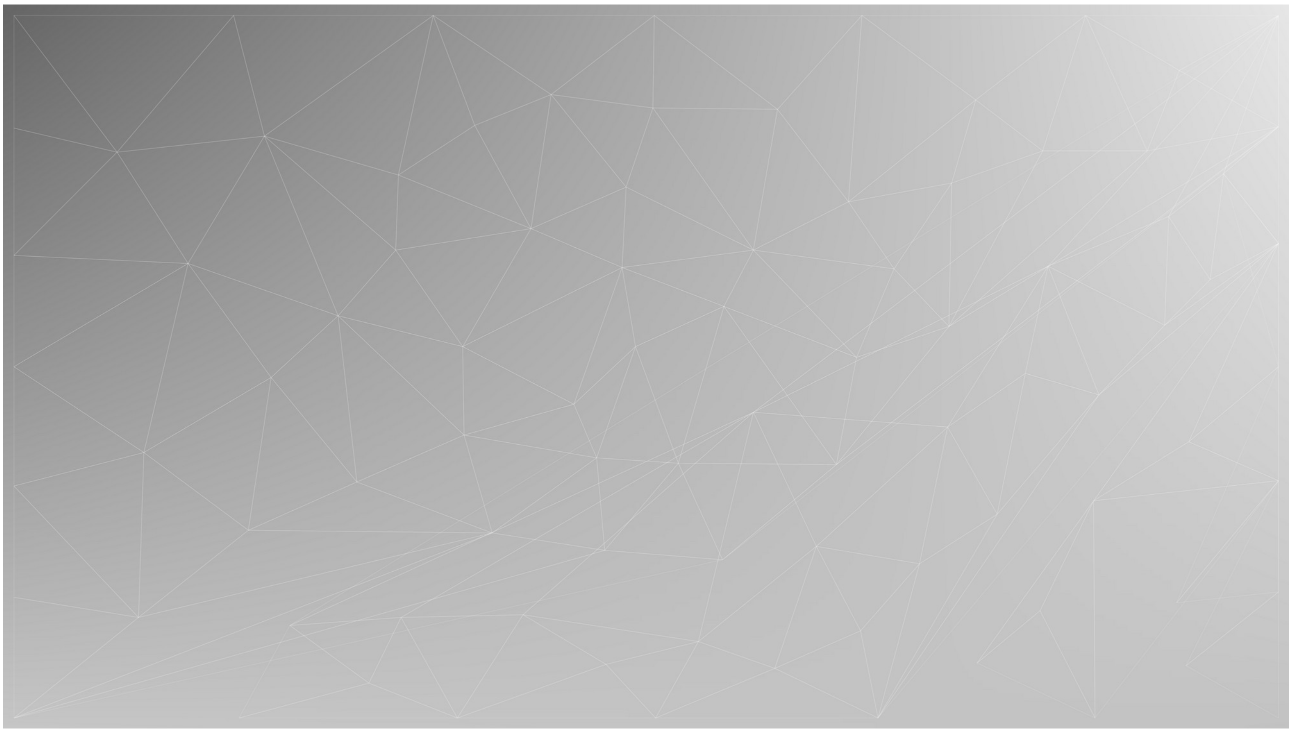


Fig (b)

2.3 Creating Visiting Card

Objective

How to create a visiting card and how to place logo, background graphics and other text information

Software used INKSCAPE

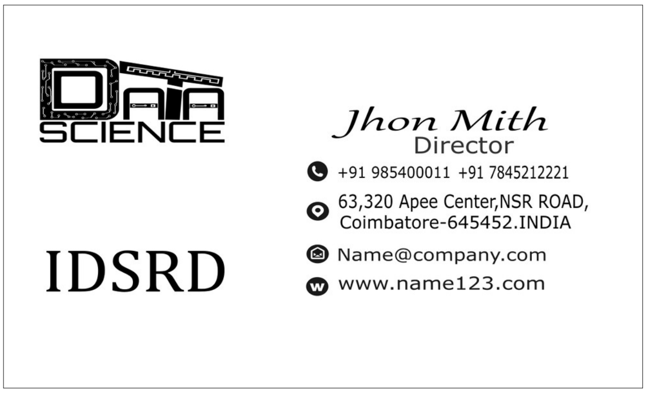
Tools used

INKSCAPE tools :- Edit path by node tool,straight lines, text , flip selected object ,Selection tool.

Outcome

Visiting card created are shown Fig (a), Fig (b), Fig (c) and Fig (d)

Summary : Size 1125x625px



DATA SCIENCE

IDSRD

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63,320 Apee Center,NSR ROAD,
Coimbatore-645452.INDIA

Name@company.com

www.name123.com

Fig (a)

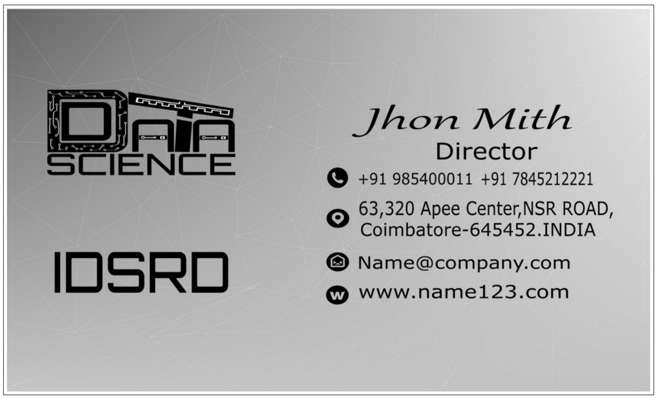

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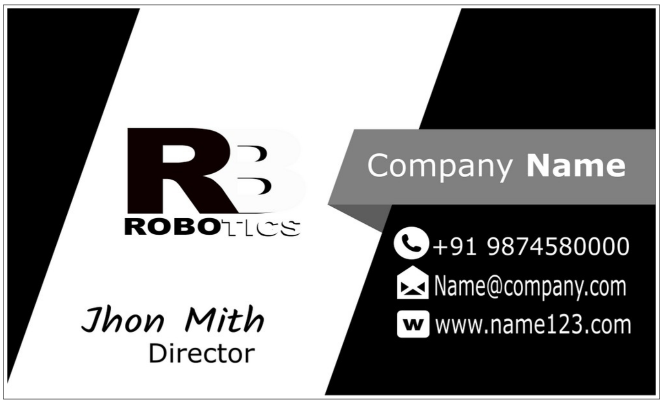
Fig (b)



RB ROBOTICS

Company **Name**

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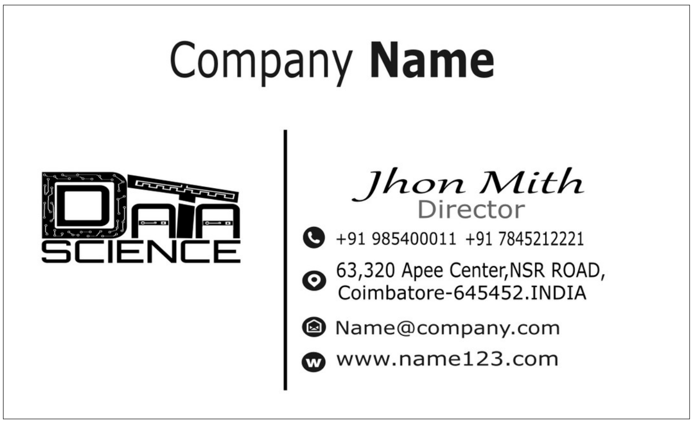
Director

Fig (c)



Company **Name**

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Coimbatore-645452.INDIA

Name@company.com

www.name123.com

Fig (d)

2.4 Tender Notice

Objective

How to create Tender Notice the government site available for Tender Notice information in English and other regional language

Software used GIMP

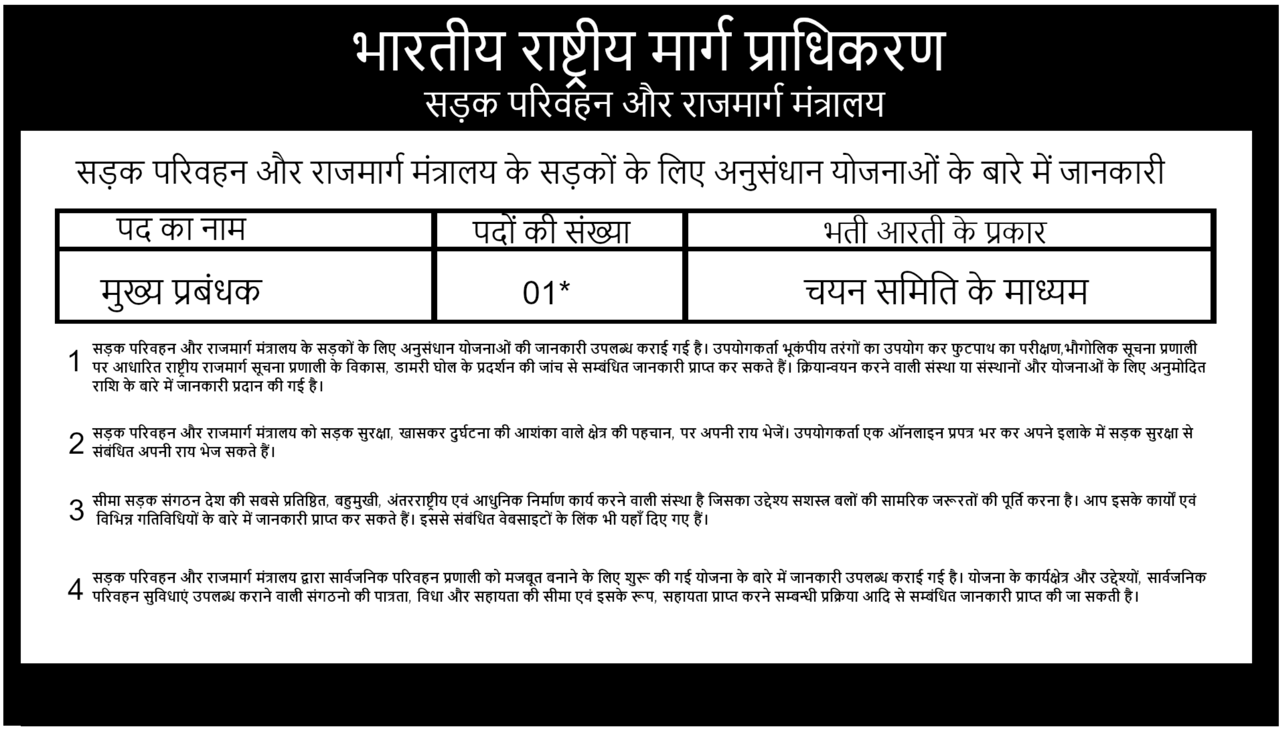
Tools used

GIMP tools :- text tool,colour black and white, rectangle select tool, shift plus paint brush tool.

Outcome

Tender Notice created are shown Fig (a) and Fig (b)

Summary : Size 1056x735px



भारतीय राष्ट्रीय मार्ग प्राधिकरण

सड़क परिवहन और राजमार्ग मंत्रालय

सड़क परिवहन और राजमार्ग मंत्रालय के सड़कों के लिए अनुसंधान योजनाओं के बारे में जानकारी

पद का नाम	पदों की संख्या	भती आरती के प्रकार
मुख्य प्रबंधक	01*	चयन समिति के माध्यम

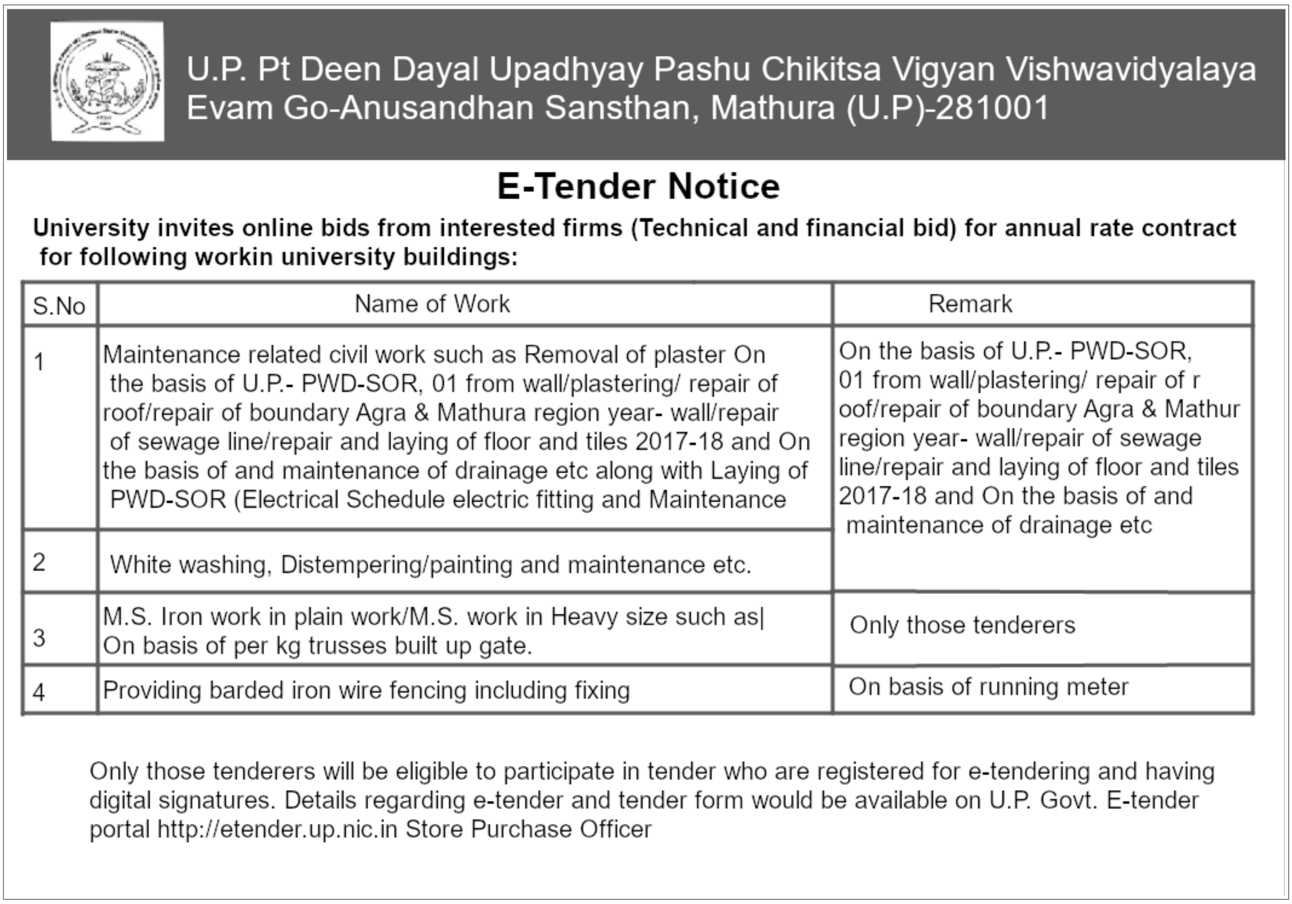
1 सड़क परिवहन और राजमार्ग मंत्रालय के सड़कों के लिए अनुसंधान योजनाओं की जानकारी उपलब्ध कराई गई है। उपयोगकर्ता भूकंपीय तरंगों का उपयोग कर फुटपाथ का परीक्षण,भौगोलिक सूचना प्रणाली पर आधारित राष्ट्रीय राजमार्ग सूचना प्रणाली के विकास, डामरी घोल के प्रदर्शन की जांच से सम्बंधित जानकारी प्राप्त कर सकते हैं। क्रियान्वयन करने वाली संस्था या संस्थानों और योजनाओं के लिए अनुमोदित राशि के बारे में जानकारी प्रदान की गई है।

2 सड़क परिवहन और राजमार्ग मंत्रालय को सड़क सुरक्षा, खासकर दुर्घटना की आशंका वाले क्षेत्र की पहचान, पर अपनी राय भेजें। उपयोगकर्ता एक ऑनलाइन प्रपत्र भर कर अपने इलाके में सड़क सुरक्षा से संबंधित अपनी राय भेज सकते हैं।

3 सीमा सड़क संगठन देश की सबसे प्रतिष्ठित, बहुमुखी, अंतरराष्ट्रीय एवं आधुनिक निर्माण कार्य करने वाली संस्था है जिसका उद्देश्य सशस्त्र बलों की सामरिक जरूरतों की पूर्ति करना है। आप इसके कार्यों एवं विभिन्न गतिविधियों के बारे में जानकारी प्राप्त कर सकते हैं। इससे संबंधित वेबसाइटों के लिंक भी यहाँ दिए गए हैं।

4 सड़क परिवहन और राजमार्ग मंत्रालय द्वारा सार्वजनिक परिवहन प्रणाली को मजबूत बनाने के लिए शुरू की गई योजना के बारे में जानकारी उपलब्ध कराई गई है। योजना के कार्यक्षेत्र और उद्देश्यों, सार्वजनिक परिवहन सुविधाएं उपलब्ध कराने वाली संगठनो की पात्रता, विधा और सहायता की सीमा एवं इसके रूप, सहायता प्राप्त करने सम्बन्धी प्रक्रिया आदि से सम्बंधित जानकारी प्राप्त की जा सकती है।

Fig (a)



U.P. Pt Deen Dayal Upadhyay Pashu Chikitsa Vigyan Vishwavidyalaya
Evam Go-Anusandhan Sansthan, Mathura (U.P)-281001

E-Tender Notice

University invites online bids from interested firms (Technical and financial bid) for annual rate contract for following workin university buildings:

S.No	Name of Work	Remark
1	Maintenance related civil work such as Removal of plaster On the basis of U.P.- PWD-SOR, 01 from wall/plastering/ repair of roof/repair of boundary Agra & Mathura region year- wall/repair of sewage line/repair and laying of floor and tiles 2017-18 and On the basis of and maintenance of drainage etc along with Laying of PWD-SOR (Electrical Schedule electric fitting and Maintenance	On the basis of U.P.- PWD-SOR, 01 from wall/plastering/ repair of r oof/repair of boundary Agra & Mathur region year- wall/repair of sewage line/repair and laying of floor and tiles 2017-18 and On the basis of and maintenance of drainage etc
2	White washing, Distempering/painting and maintenance etc.	
3	M.S. Iron work in plain work/M.S. work in Heavy size such as| On basis of per kg trusses built up gate.	Only those tenderers
4	Providing barded iron wire fencing including fixing	On basis of running meter

Only those tenderers will be eligible to participate in tender who are registered for e-tendering and having digital signatures. Details regarding e-tender and tender form would be available on U.P. Govt. E-tender portal http://etender.up.nic.in Store Purchase Officer

Fig (b)

Unit 3

Designing Using Colour

3.1 Colour Wheel

Objective

Create a colour wheel, understanding colour theory and combinations of colours

Software used GIMP

Tools used

GIMP tools :- move tool, layer, colour pallet

Outcome

Colour wheel created, shown in Fig (a)

Summary : Size 2000x2000px Colour mode : CMYK

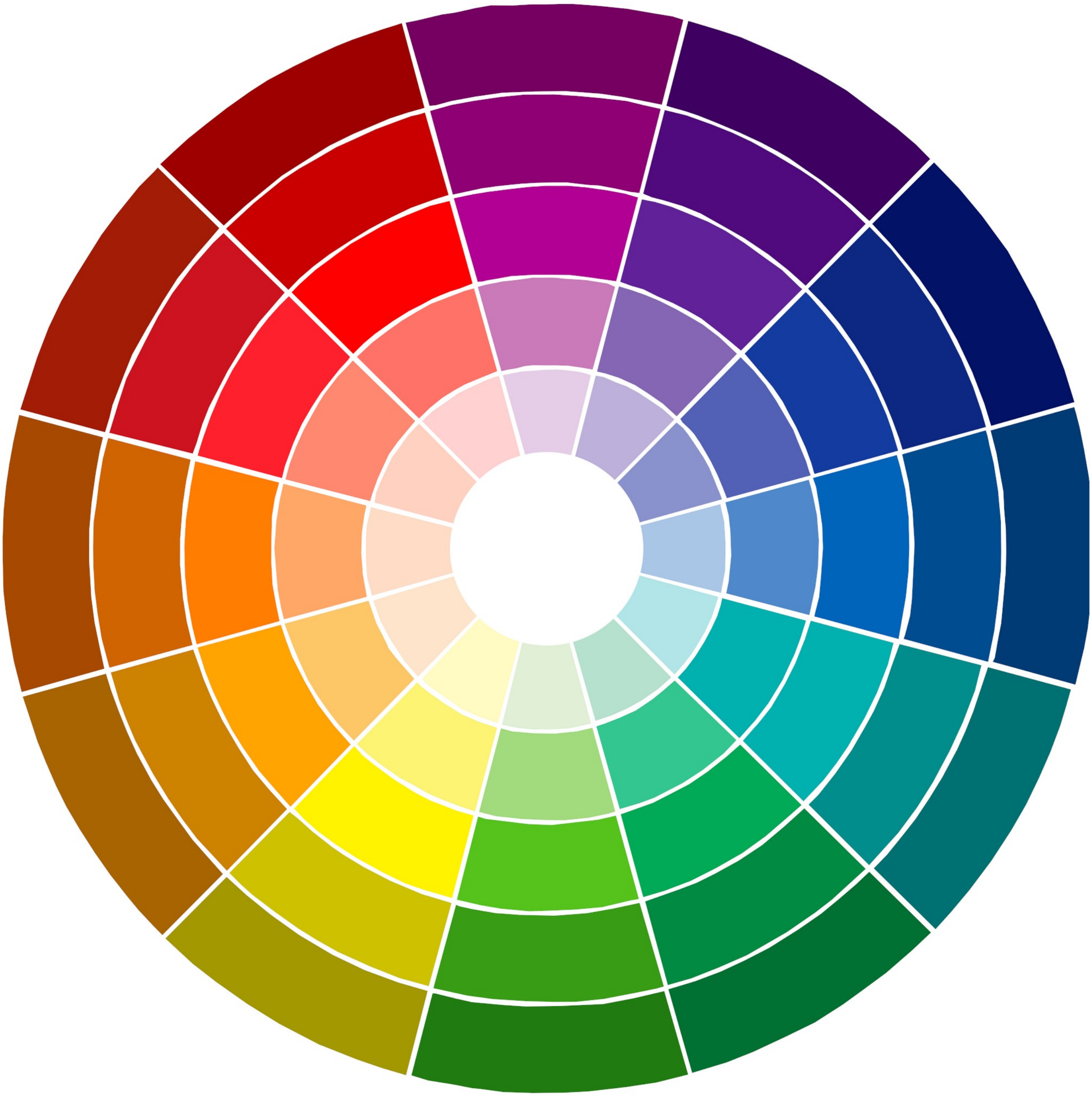


Fig (a)

3.2 LOGO

Objective

How to use element of design line and shape texture and colour in a balanced way to create logos.

Software used GIMP

Tools used

GIMP tools :- colors and icon , rectangle select tool, path tool. move tool, text tool, colour , paint brush tool.

Outcome

Logo created shown in Fig (a)

Summary : Size 1280x1280px Colour mode : CMYK

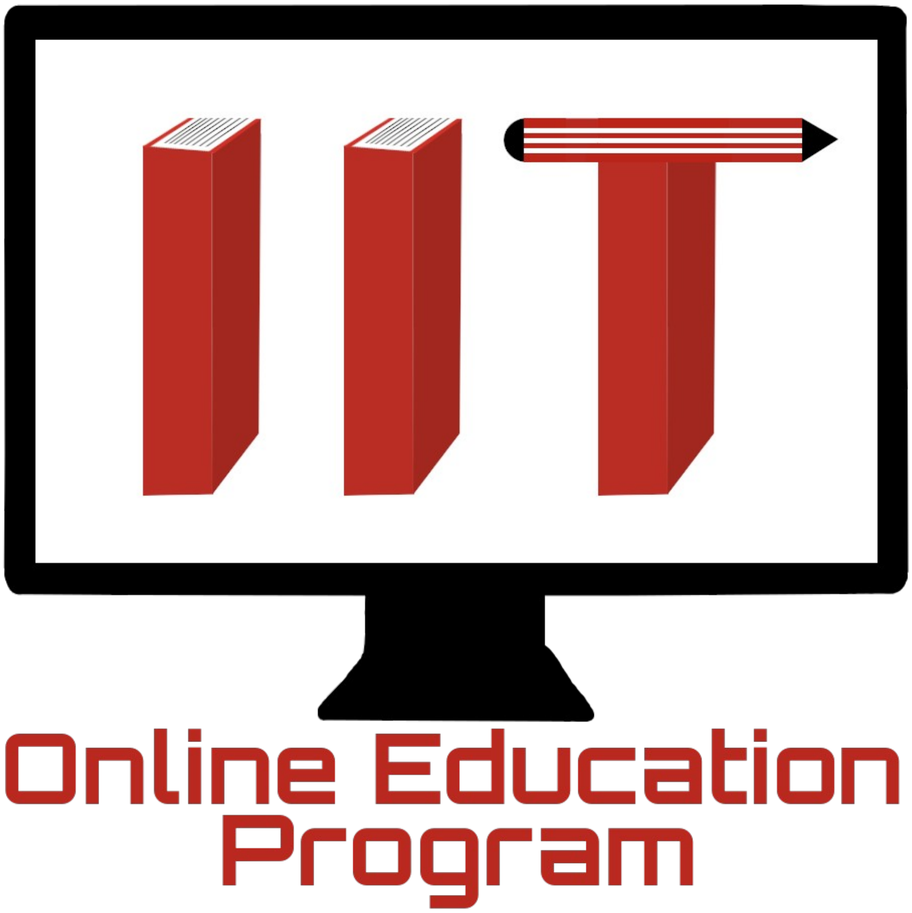

IIT
Online Education
Program

Fig (a)

3.3 Background

Objective

How to create Background using different colours style shape

Software used GIMP

Tools used

GIMP tools :- rectangle select tool, ellipses tool , blur, low opacity in different layer

Outcome

Background created are shown Fig (a) and Fig (b)

Summary : Size 3600x2400px Colour mode : CMYK

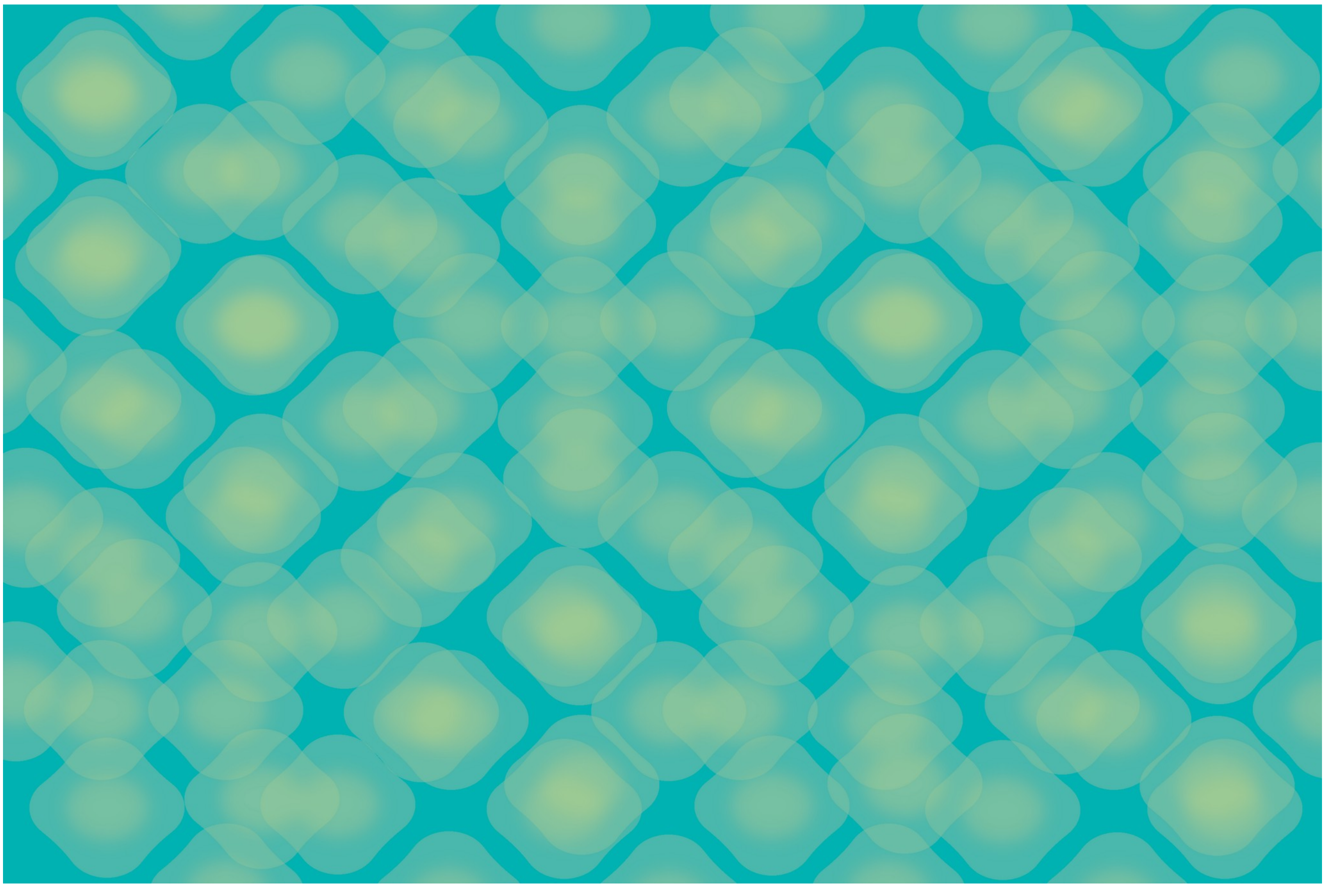


Fig (a)

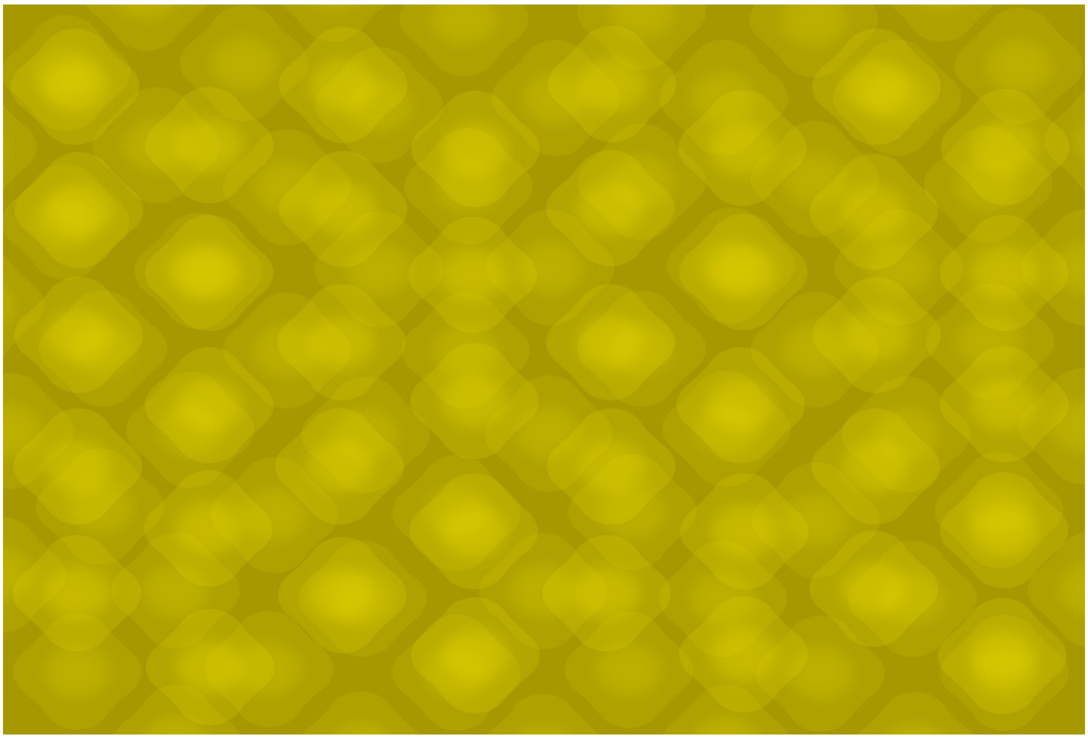


Fig (b)

3.4 Visiting Card

Objective

How to create a visiting card and how to place logo, background graphics and other text information in colour

Software used GMIP

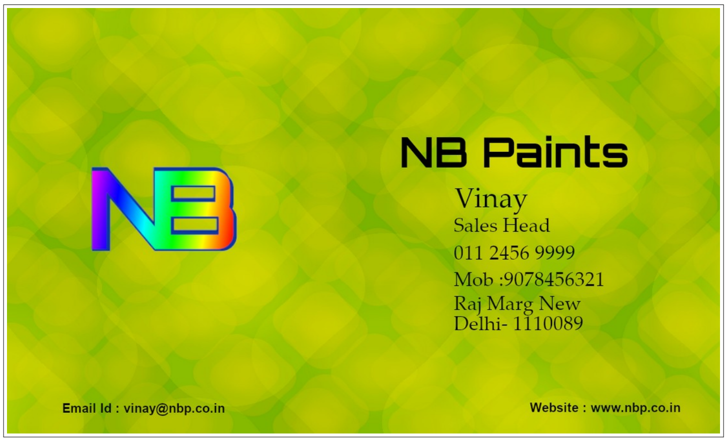
Tools used

GIMP tools :- Creating new layers for each shape, and Gradient, text, path tool, multiples layer uses for transparency

Outcome

Visiting Card created are shown Fig (a), Fig (b), Fig (c) and Fig (d)

Summary : Size 1125x625px Colour mode : CMYK



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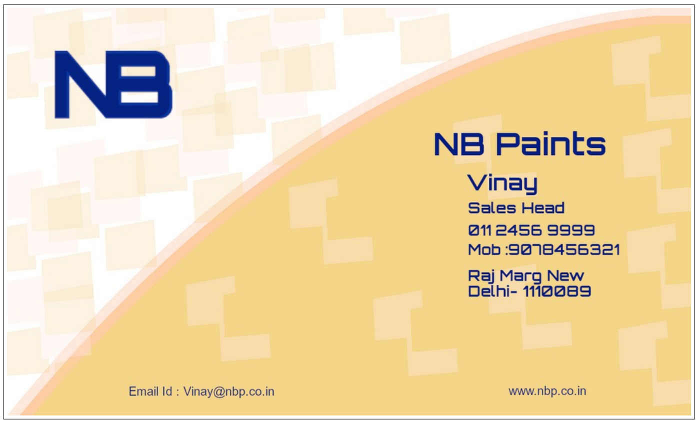
011 2456 9999
Mob :9078456321
Raj Marg New
Delhi- 1110089

Email Id : vinay@nbp.co.in

Website : www.nbp.co.in

Fig (a)



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Delhi- 1110089

Email Id : Vinay@nbp.co.in

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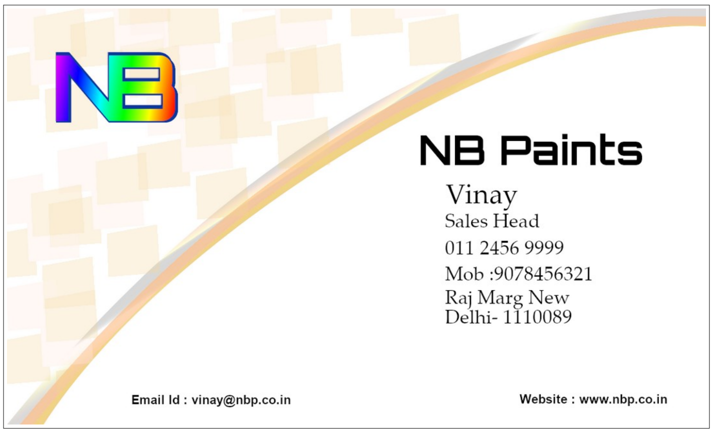
Fig (b)



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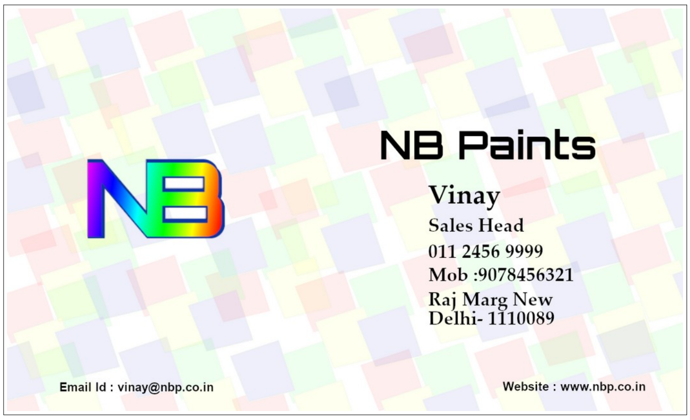
Email Id : vinay@nbp.co.in

Website : www.nbp.co.in

Fig (c)



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Website : www.nbp.co.in

Fig (d)

3.5 Trace Image

Objective

How to trace Image

Fig (A)

Software used INKSCAPE

Tools used

INKSCAPE tools :- Edit path by node tool, object to path, draw bezier curves and straight lines, blur, stroke, pick colour, and layer.

Fig (B)

Software used GIMP

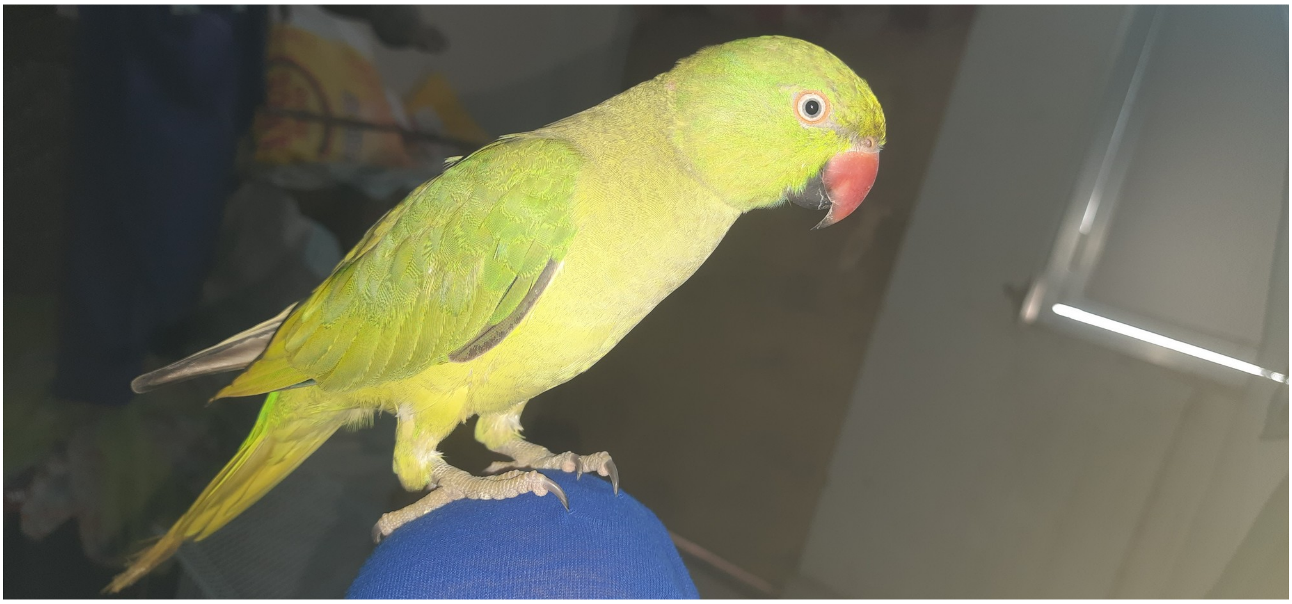
Tools used

GIMP tools :- Different layer, brush tool, Click the “edit path tool that value determines the line's width in pixels. Click to draw a line around the object.

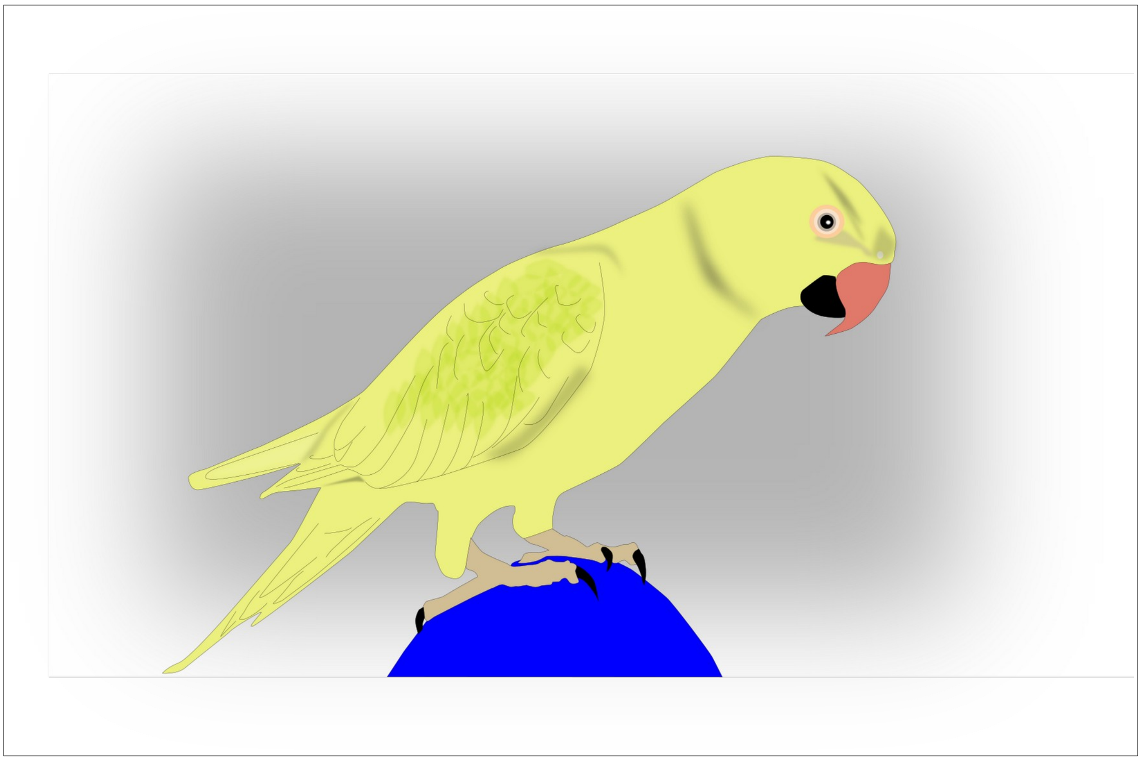
Outcome

Traced Images are shown in A Fig (a) and B Fig (b)

Summary : Size 1800x1191px Colour mode : CMYK



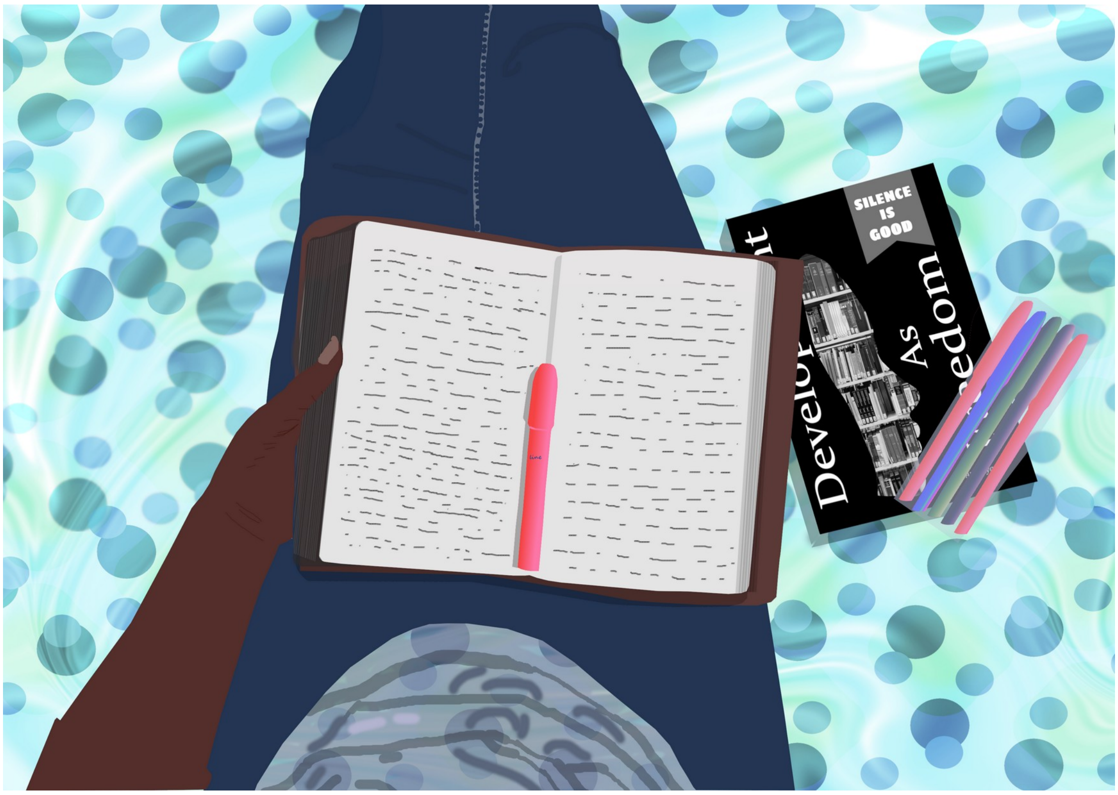
A , Fig (a) inkscape



A, Fig (b) inkscape

STEVEN FURTICK
STAEDTLER

B, Fig (a) Gimp



B, Fig (b) Gimp

Unit 4

Pamphlet and Poster Designing

4.1 Pamphlet

Objective

How to create Pamphlet (multi fold / 3 side,4 side Pamphlet) and how to place logo, background graphics ,photos and other text information

Software used GIMP

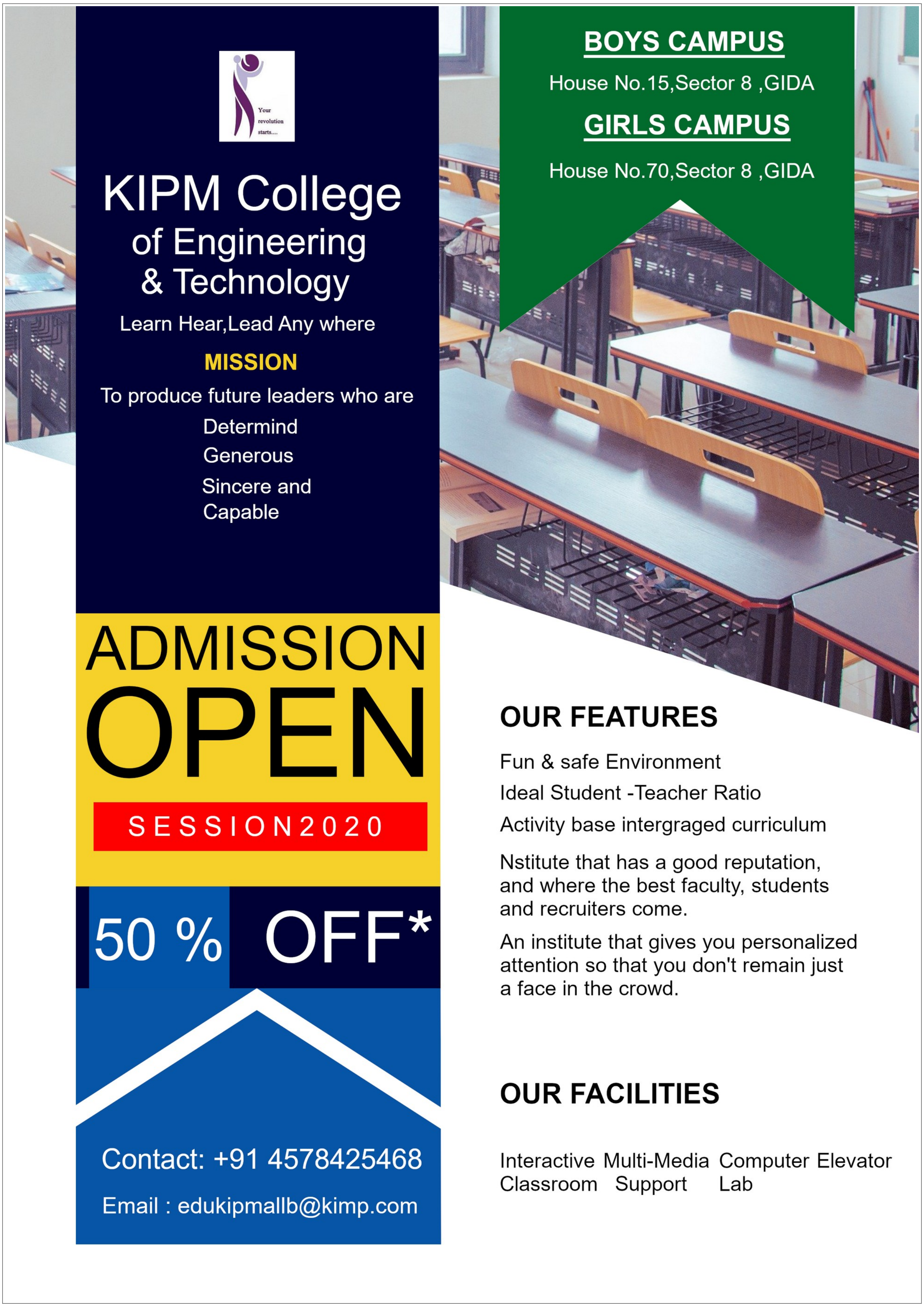
Tools used

GIMP tools :- create rectangles using selection tools, move tool, text tool, colour, rectangle select tool, path tool.

Outcome

Pamphlet created are shown Fig (a), Fig (b) and Fig (c) Fig (d) Fig (e)

Summary : Size A4 Colour mode : CMYK



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Sincere and
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Email : edukipmallb@kimp.com

OUR FEATURES

Fun & safe Environment

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Activity base intergraged curriculum

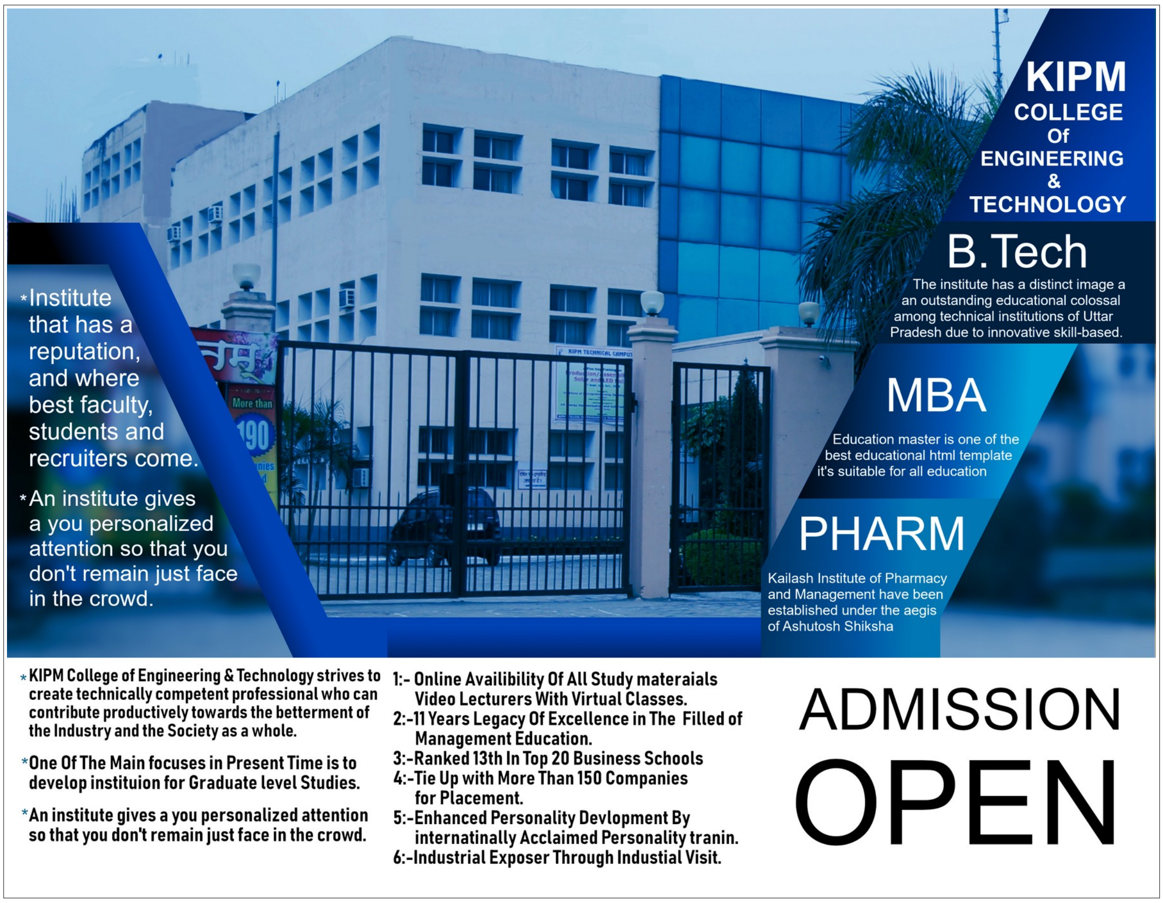
Nstitute that has a good reputation, and where the best faculty, students and recruiters come.

An institute that gives you personalized attention so that you don't remain just a face in the crowd.

OUR FACILITIES

Interactive Classroom
Multi-Media Support
Computer Lab
Elevator

Fig (a)



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Of
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&
TECHNOLOGY

B.Tech

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MBA

Education master is one of the best educational html template it's suitable for all education

PHARM

Kailash Institute of Pharmacy and Management have been established under the aegis of Ashutosh Shiksha

*Institute that has a reputation, and where best faculty, students and recruiters come.

*An institute gives a you personalized attention so that you don't remain just face in the crowd.

*KIPM College of Engineering & Technology strives to create technically competent professional who can contribute productively towards the betterment of the Industry and the Society as a whole.

*One Of The Main focuses in Present Time is to develop instituion for Graduate level Studies.

*An institute gives a you personalized attention so that you don't remain just face in the crowd.

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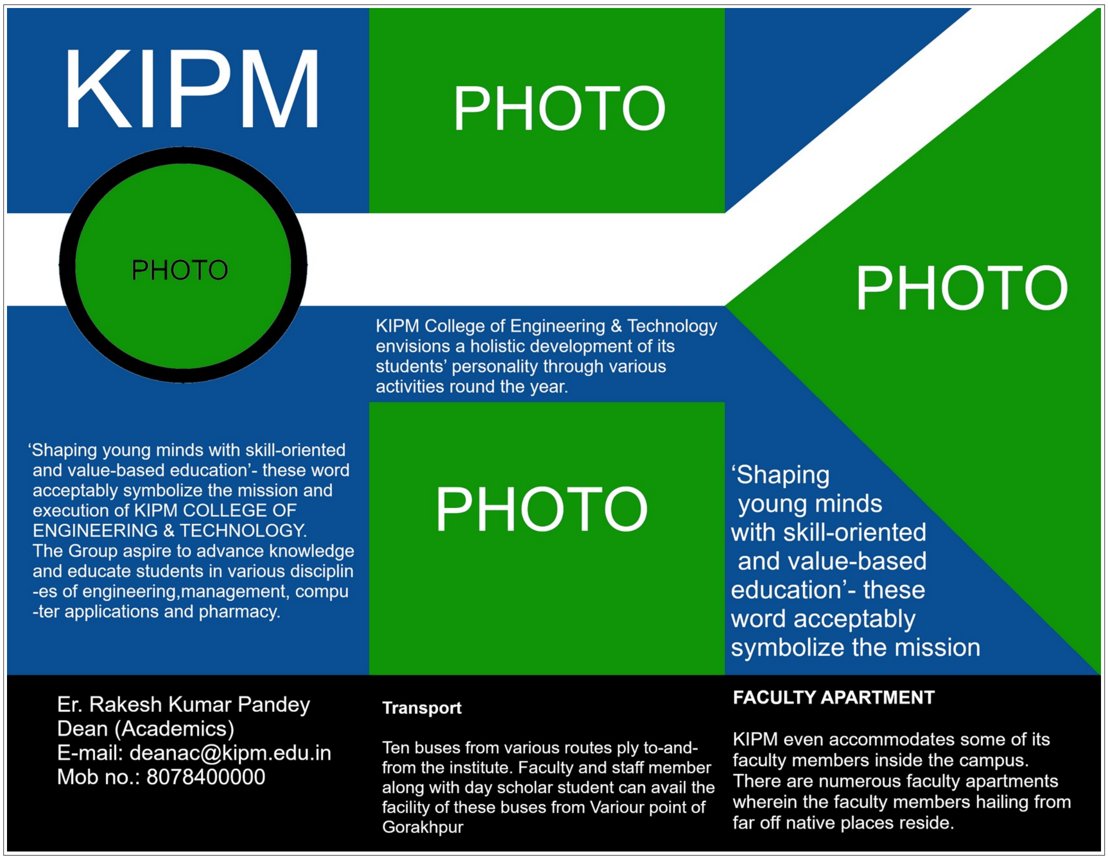
2:-11 Years Legacy Of Excellence in The Filled of Management Education.
3:-Ranked 13th In Top 20 Business Schools
4:-Tie Up with More Than 150 Companies for Placement.
5:-Enhanced Personality Devlopment By internatinally Acclaimed Personality tranin.
6:-Industrial Exposer Through Industial Visit.

ADMISSION
OPEN

Fig (b)



KIPM

PHOTO

PHOTO

PHOTO

KIPM College of Engineering & Technology envisions a holistic development of its students' personality through various activities round the year.

'Shaping young minds with skill-oriented and value-based education'- these word acceptably symbolize the mission and execution of KIPM COLLEGE OF ENGINEERING & TECHNOLOGY. The Group aspire to advance knowledge and educate students in various disciplin-es of engineering,management, compu-ter applications and pharmacy.

PHOTO

'Shaping young minds with skill-oriented and value-based education'- these word acceptably symbolize the mission

Er. Rakesh Kumar Pandey
Dean (Academics)
E-mail: deanac@kipm.edu.in
Mob no.: 8078400000

Transport

Ten buses from various routes ply to-and-from the institute. Faculty and staff member along with day scholar student can avail the facility of these buses from Variour point of Gorakhpur

FACULTY APARTMENT

KIPM even accommodates some of its faculty members inside the campus. There are numerous faculty apartments wherein the faculty members hailing from far off native places reside.

Fig (c)

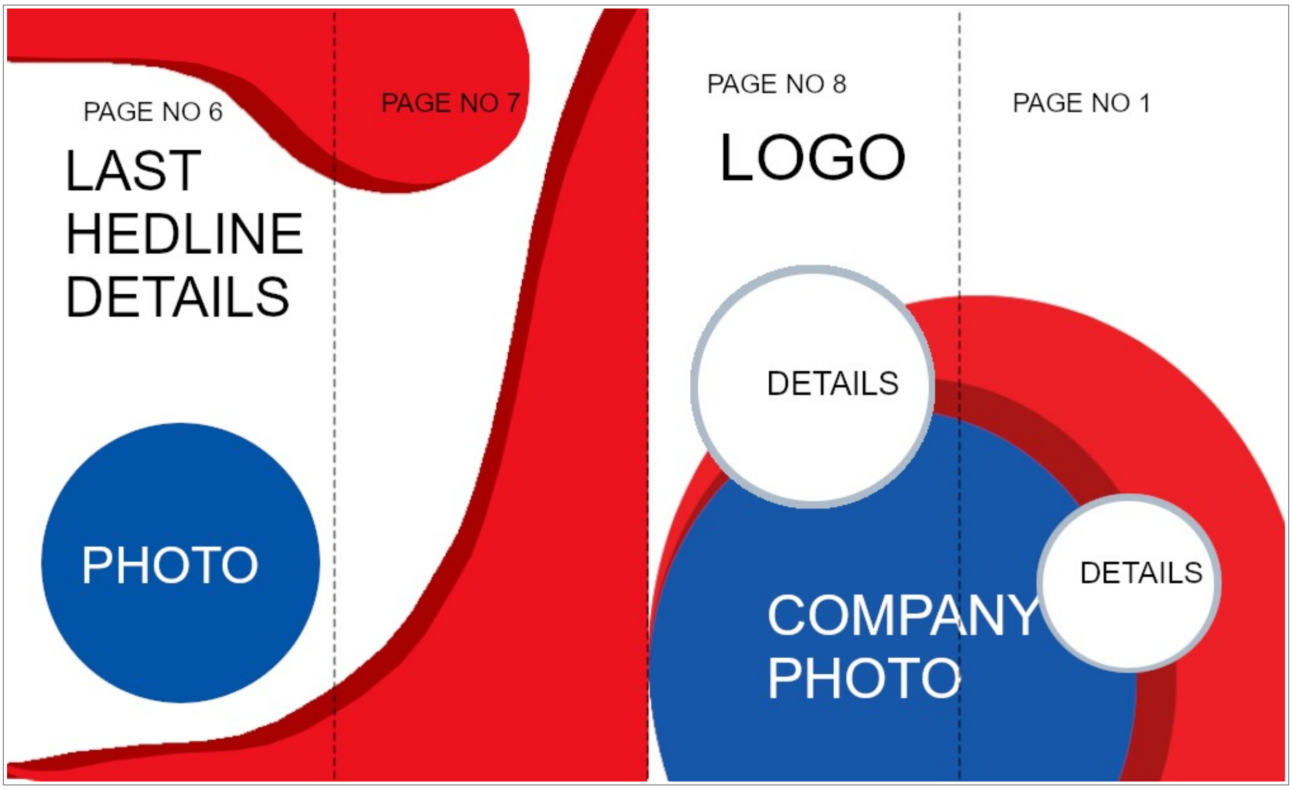

PAGE NO 6
LAST
HEDLINE
DETAILS
PHOTO
PAGE NO 7
PAGE NO 8
LOGO
DETAILS
COMPANY
PHOTO
PAGE NO 1
DETAILS

Fig (d)

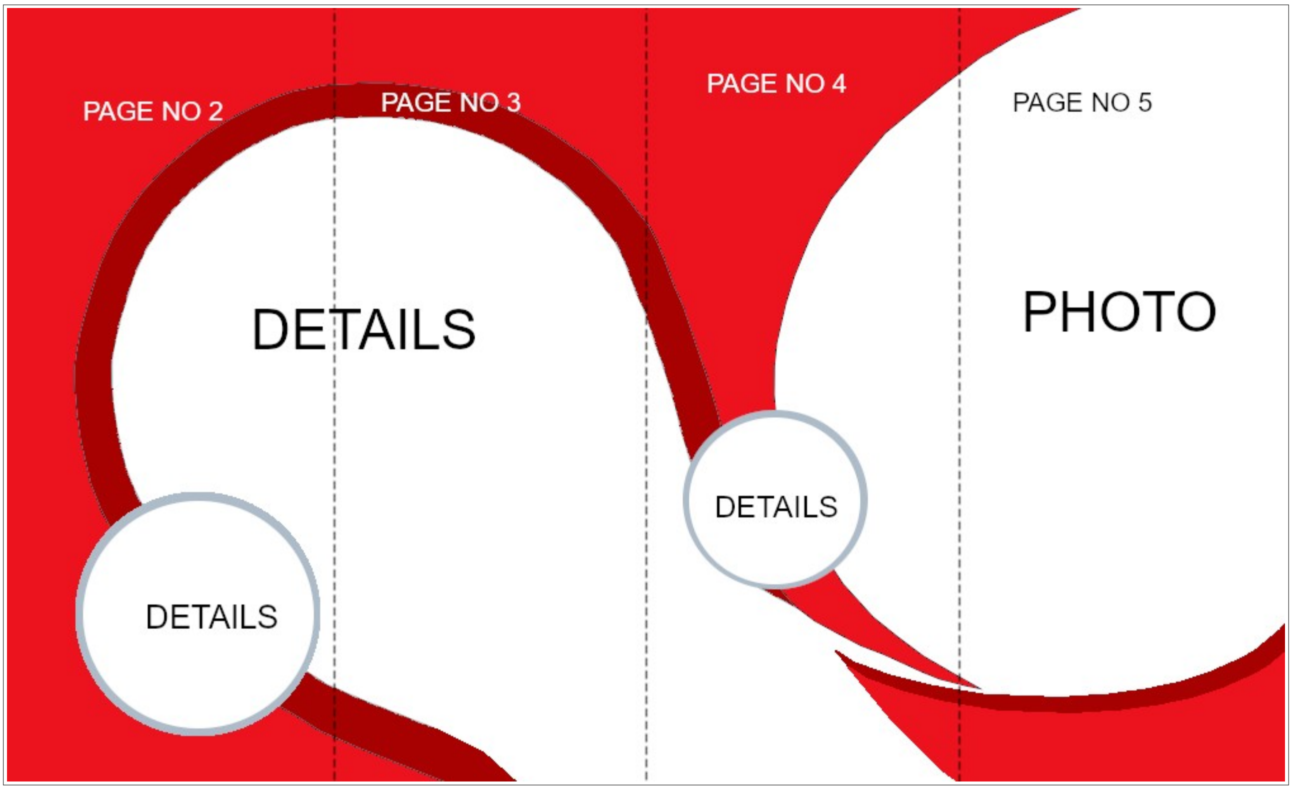

PAGE NO 2
PAGE NO 3
DETAILS
DETAILS
PAGE NO 4
DETAILS
PAGE NO 5
PHOTO

Fig (e)

4.2 Book cover page

Objective

How to create design Book front and back cover page

Software used GIMP

Tools used

GIMP tools :- Edit path use, text, fill bucket can be used ,Creating new layers for each shape, and Gradient, low opacity

Outcome

Book front and back cover created shown in Fig (a), Fig (b) and Fig (c)

Summary : Size A4 and A5 Colour mode : CMYK

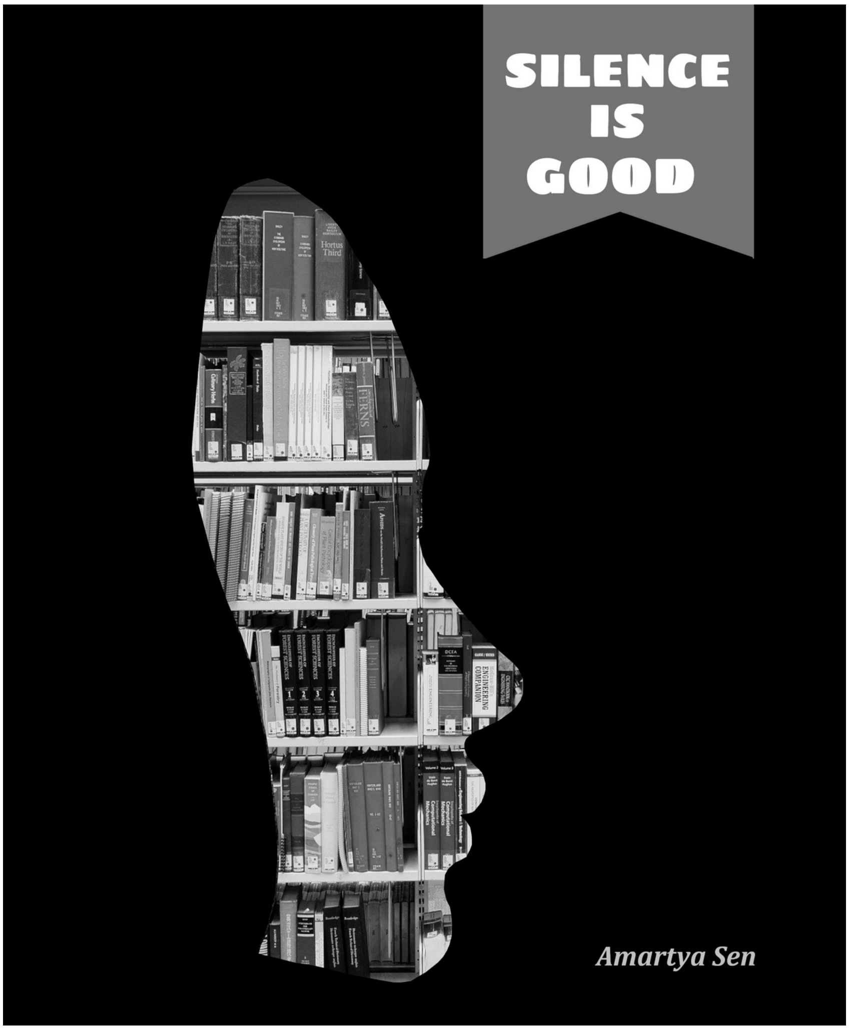
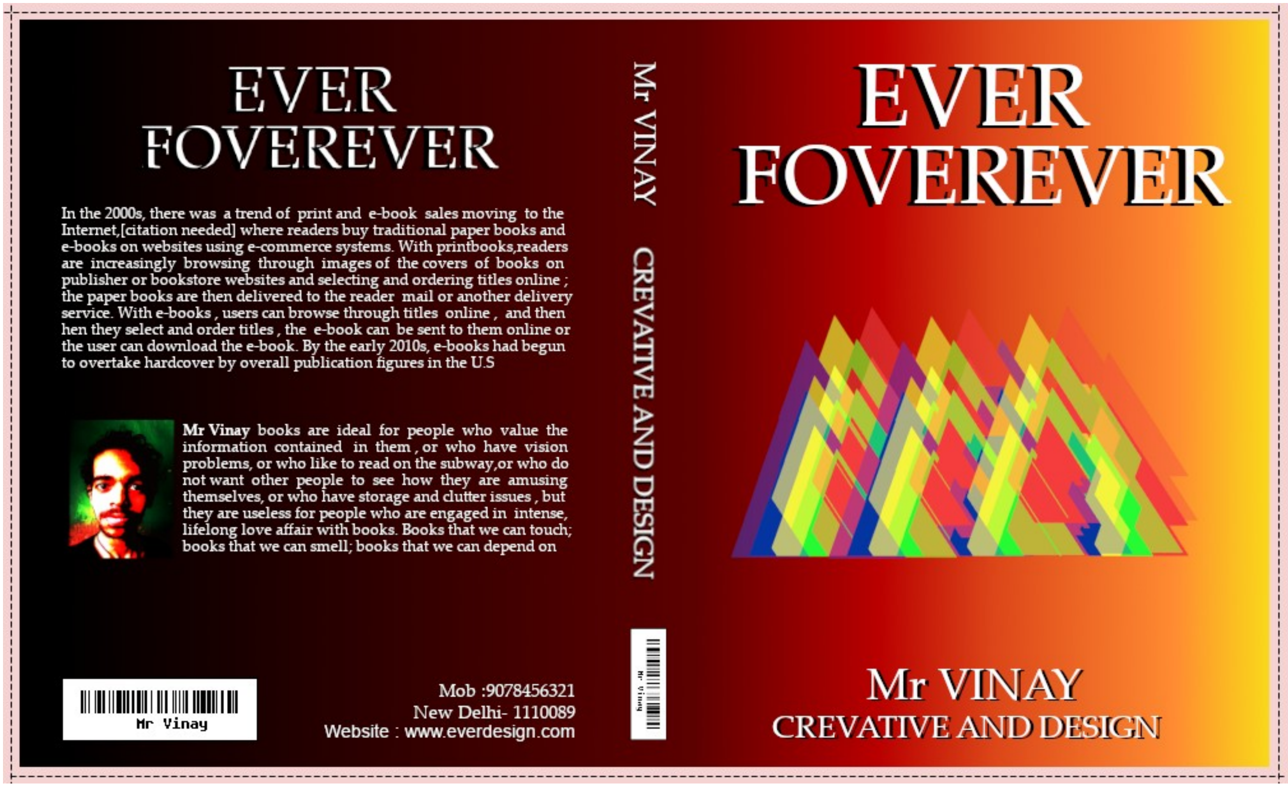


Fig (a)

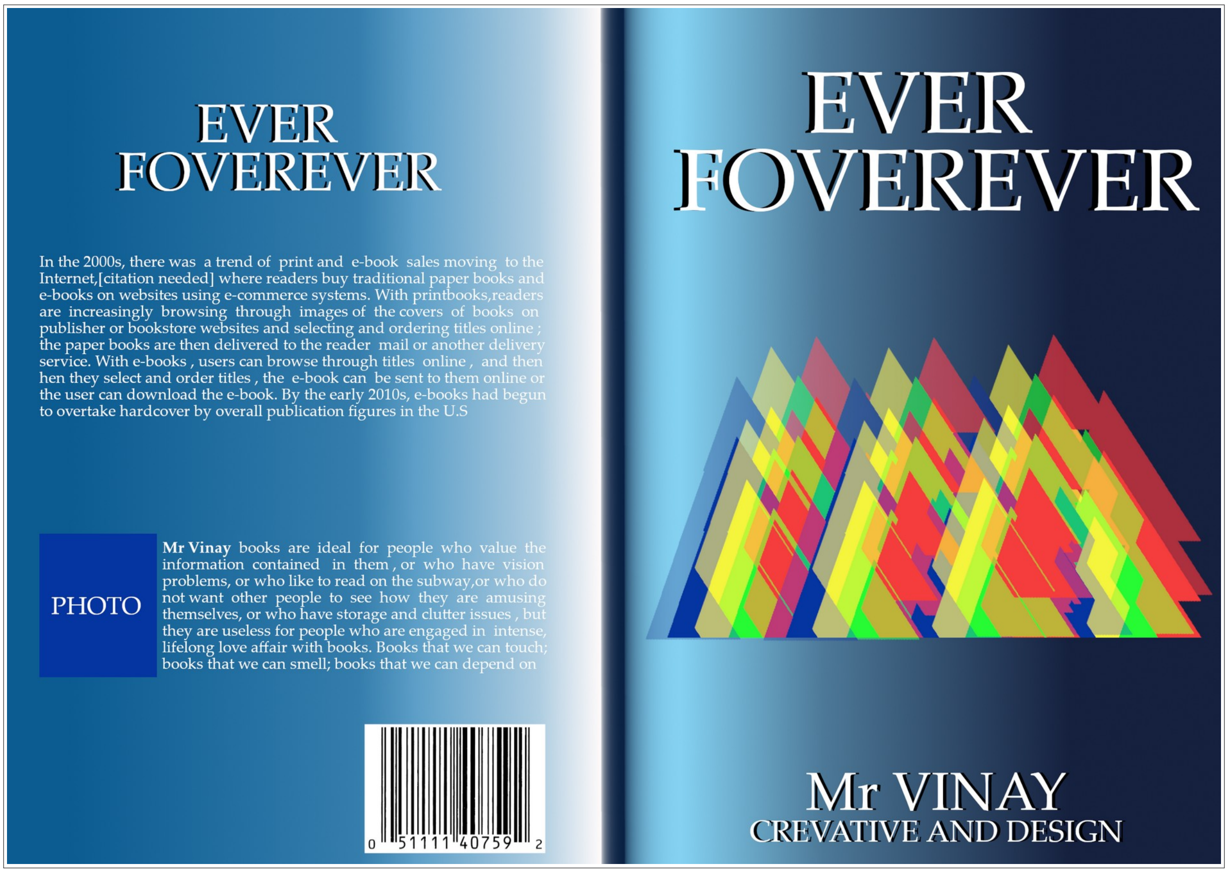


In the 2000s, there was a trend of print and e-book sales moving to the Internet,[citation needed] where readers buy traditional paper books and e-books on websites using e-commerce systems. With printbooks,readers are increasingly browsing through images of the covers of books on publisher or bookstore websites and selecting and ordering titles online ; the paper books are then delivered to the reader mail or another delivery service. With e-books , users can browse through titles online , and then hen they select and order titles , the e-book can be sent to them online or the user can download the e-book. By the early 2010s, e-books had begun to overtake hardcover by overall publication figures in the U.S

Mr Vinay books are ideal for people who value the information contained in them , or who have vision problems, or who like to read on the subway,or who do not want other people to see how they are amusing themselves, or who have storage and clutter issues , but they are useless for people who are engaged in intense, lifelong love affair with books. Books that we can touch; books that we can smell; books that we can depend on

Mob :9078456321
New Delhi- 1110089
Website : www.everdesign.com

Fig (b)



In the 2000s, there was a trend of print and e-book sales moving to the Internet,[citation needed] where readers buy traditional paper books and e-books on websites using e-commerce systems. With printbooks,readers are increasingly browsing through images of the covers of books on publisher or bookstore websites and selecting and ordering titles online ; the paper books are then delivered to the reader mail or another delivery service. With e-books , users can browse through titles online , and then hen they select and order titles , the e-book can be sent to them online or the user can download the e-book. By the early 2010s, e-books had begun to overtake hardcover by overall publication figures in the U.S

Mr Vinay books are ideal for people who value the information contained in them , or who have vision problems, or who like to read on the subway,or who do not want other people to see how they are amusing themselves, or who have storage and clutter issues , but they are useless for people who are engaged in intense, lifelong love affair with books. Books that we can touch; books that we can smell; books that we can depend on

Fig (c)

4.3 Ads Poster

Objective

How to create posters - how to place logo, background graphics ,photos and other text information

Software used GIMP

Tools used

GIMP tools :- ellipses tool, rectangle tools, Gradient ,path tool.

Outcome

Poster created shown in Fig (a)

Summary : Size A4 Colour mode : CMYK

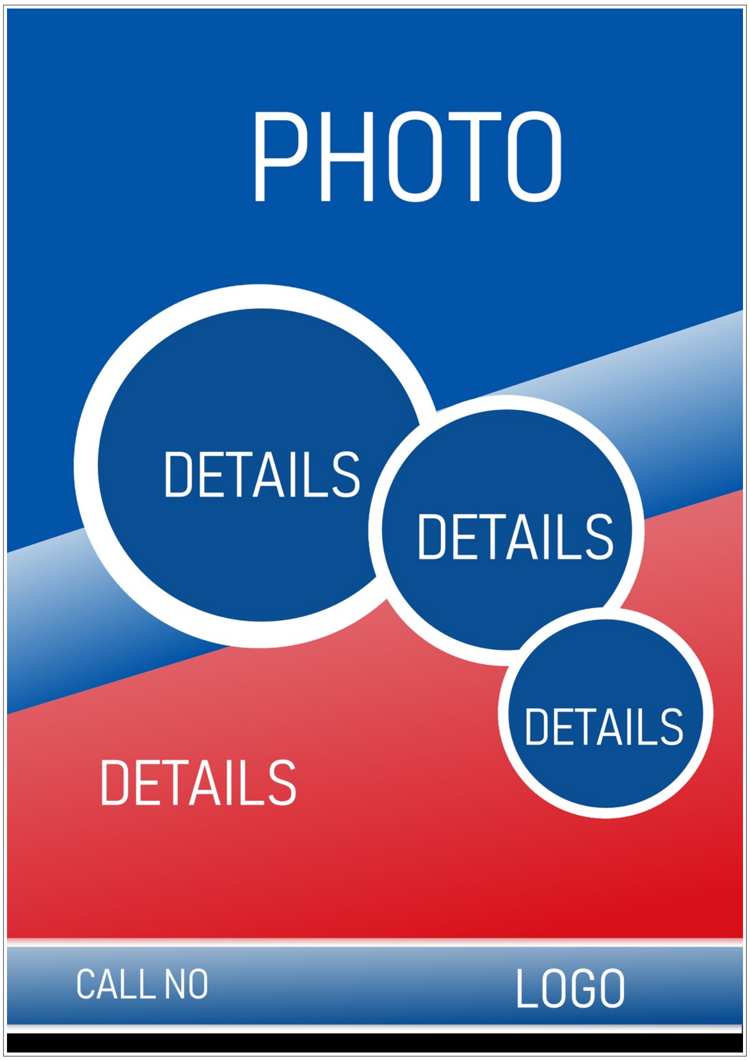


PHOTO
DETAILS
DETAILS
DETAILS
DETAILS
CALL NO
LOGO

Fig (a)

4.4 MUG Printing

Objective

How to create Mug printing design

Software used GIMP

Tools used

GIMP tools :- small shape group layer ,Gradient ,Edit path ,rectangle select tool, ellipses tool , low opacity in different layer ,brush tool.

Outcome

Mug design created shown in Fig (a), Fig (b), Fig (c) ,Fig (d) and Fig (e)

Summary : Size 2717x1146px Colour mode : CMYK

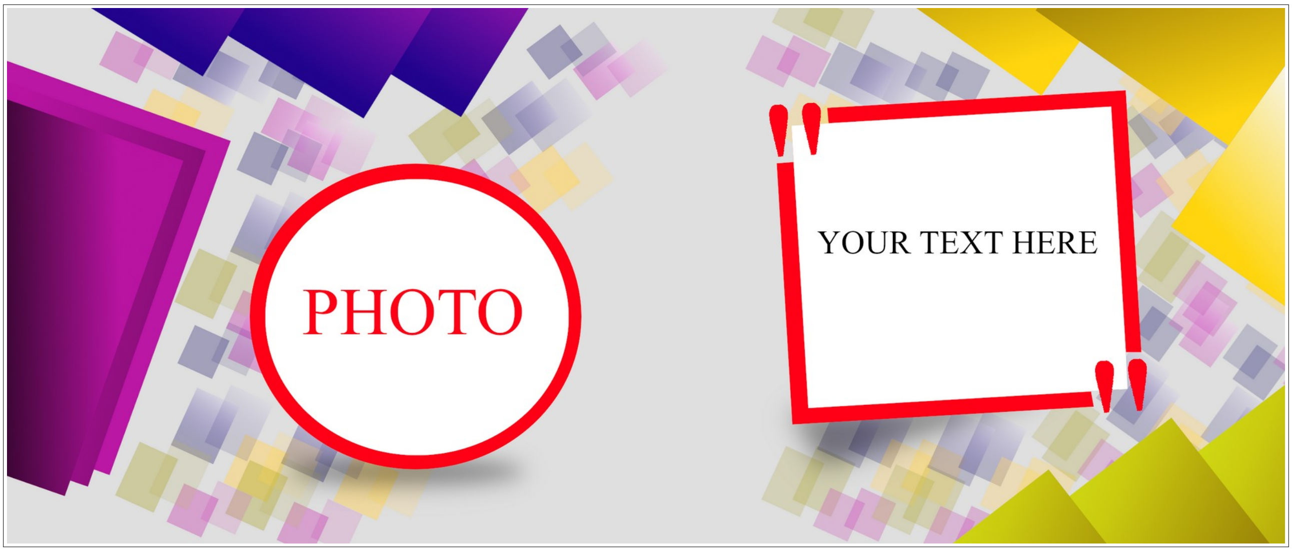


Fig (a)

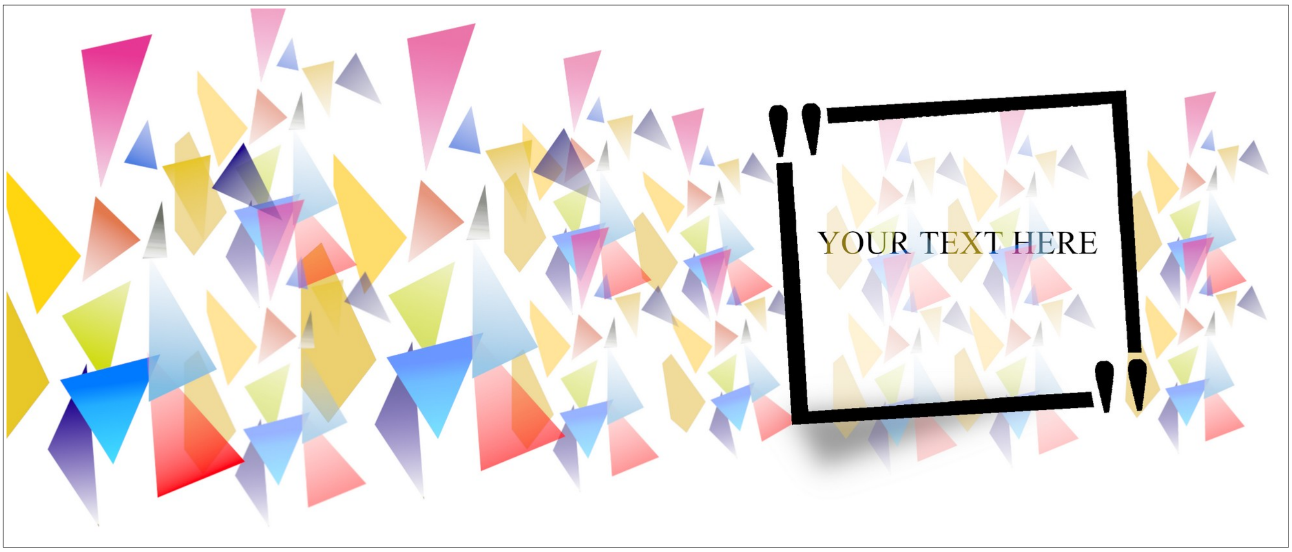


Fig (b)

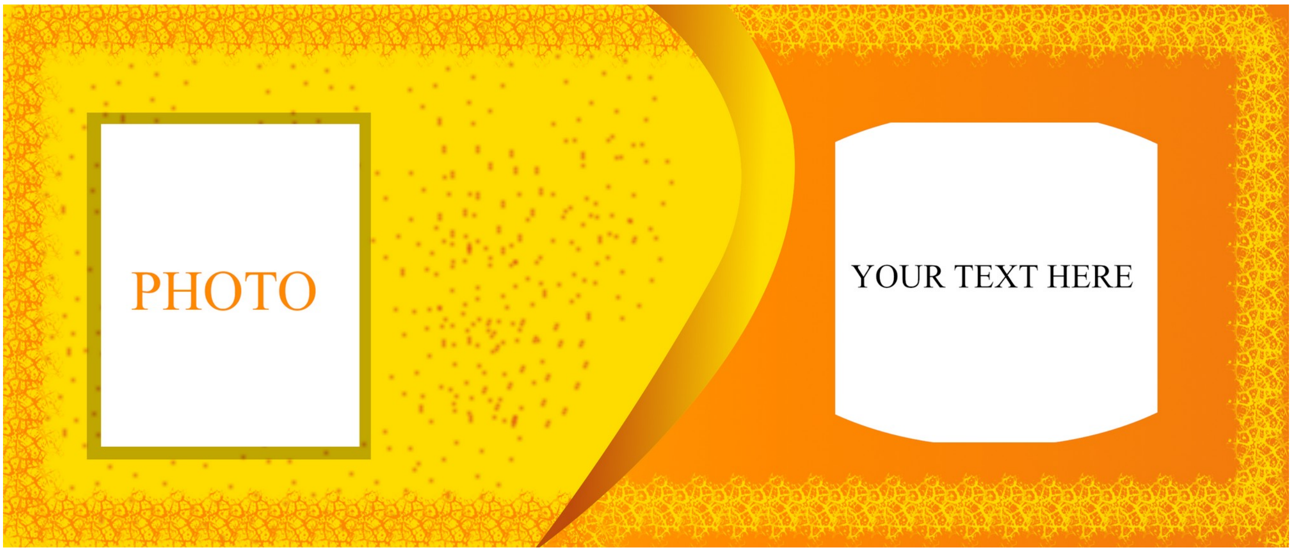


PHOTO
YOUR TEXT HERE

Fig (c)

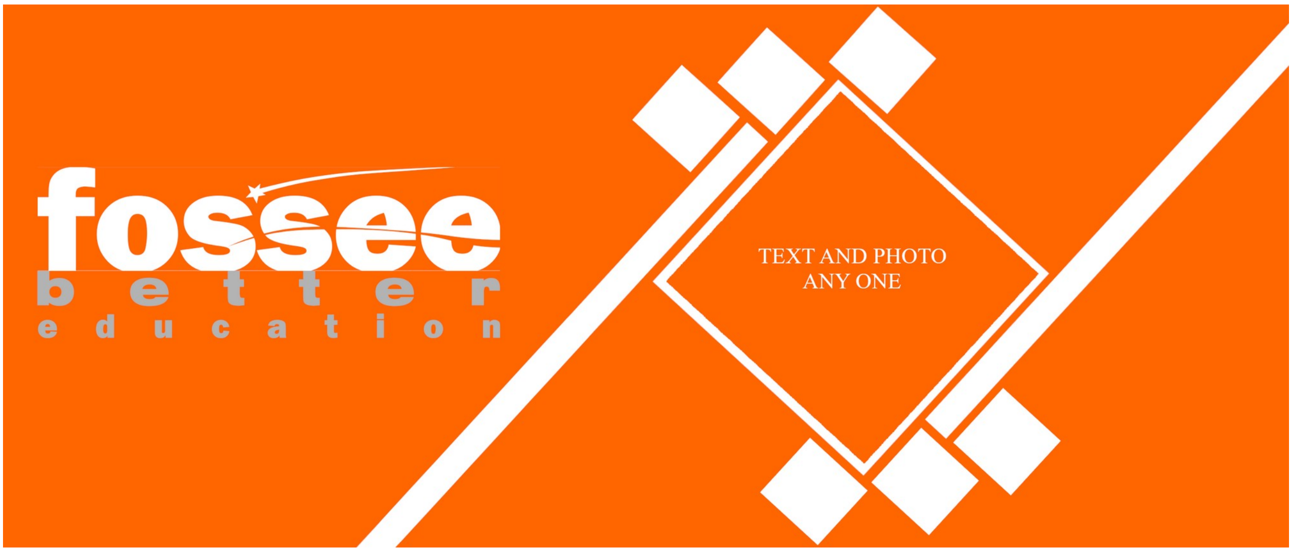

fossee
better
education
TEXT AND PHOTO
ANY ONE

Fig (d)

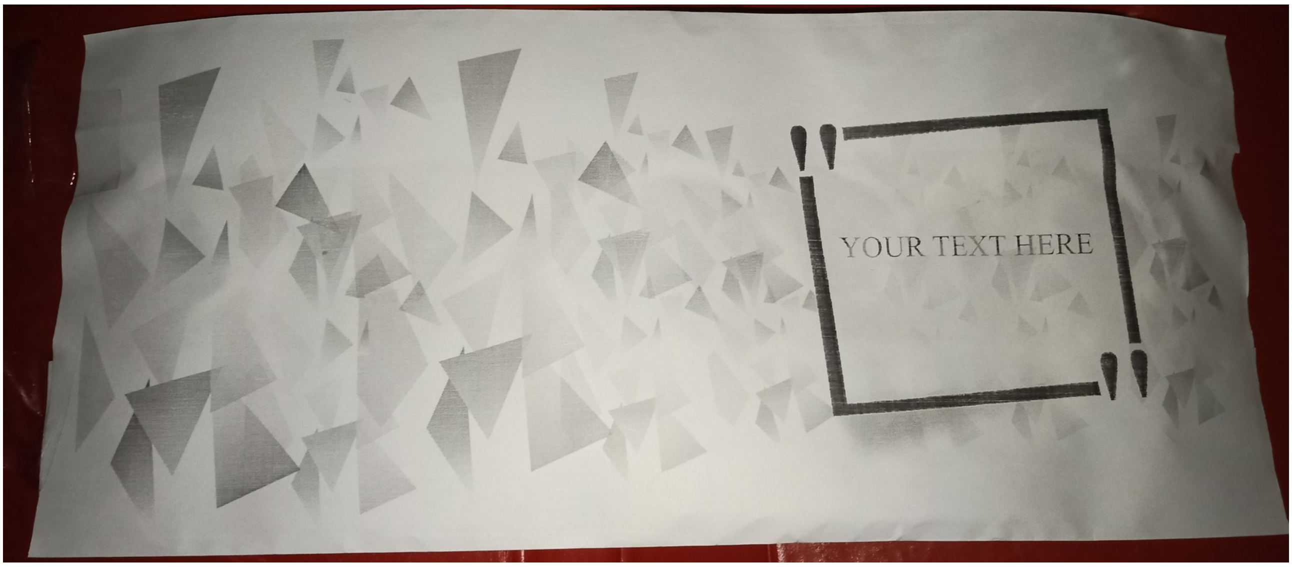

YOUR TEXT HERE

Fig (e)

4.5 Magazine

Objective

How to create design Magazine

Software used GIMP

Tools used

GIMP tools :- Edit path use, rectangles and square, transforms, ellipses, text, fill bucket can be used ,Creating new layers for each shape, and Gradient, paint brush use with low opacity

Outcome

Magazine created shown in Fig (a), Fig (b)

Summary : Size A4 Colour mode : CMYK

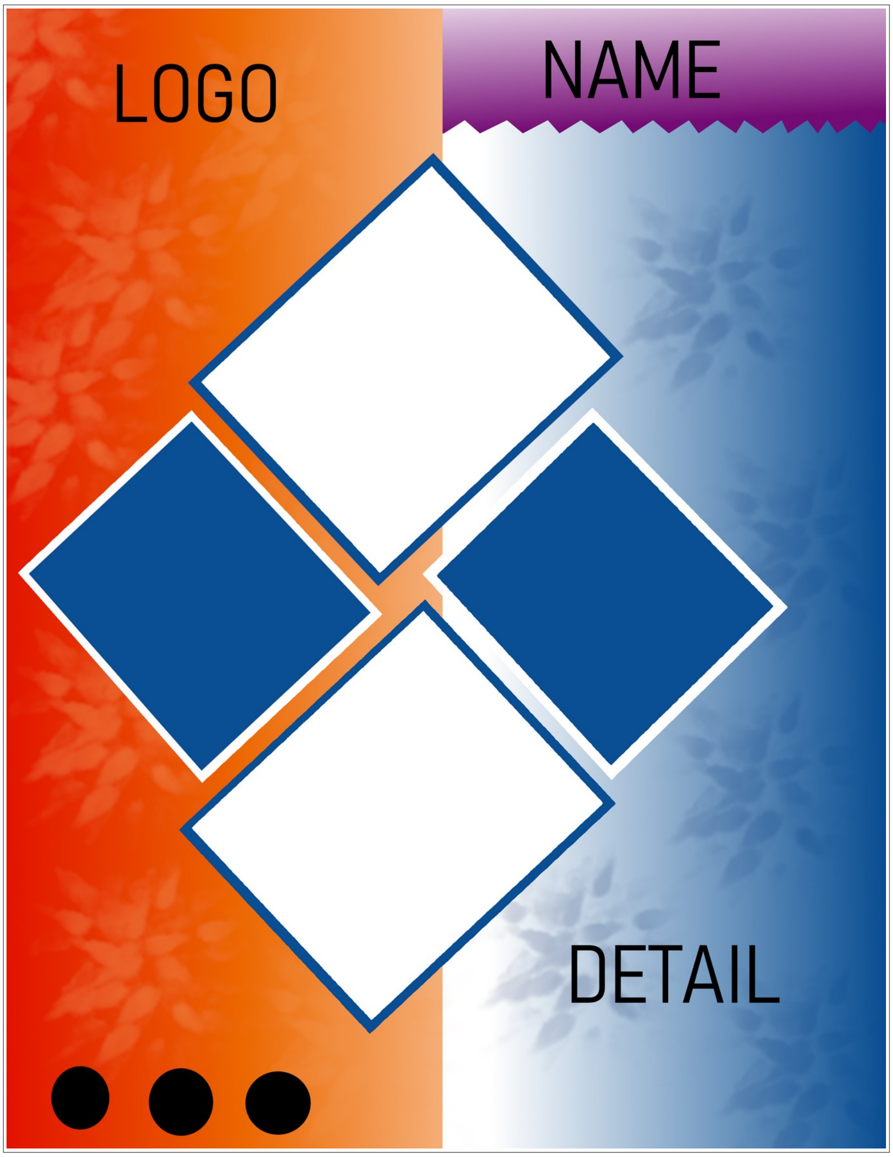
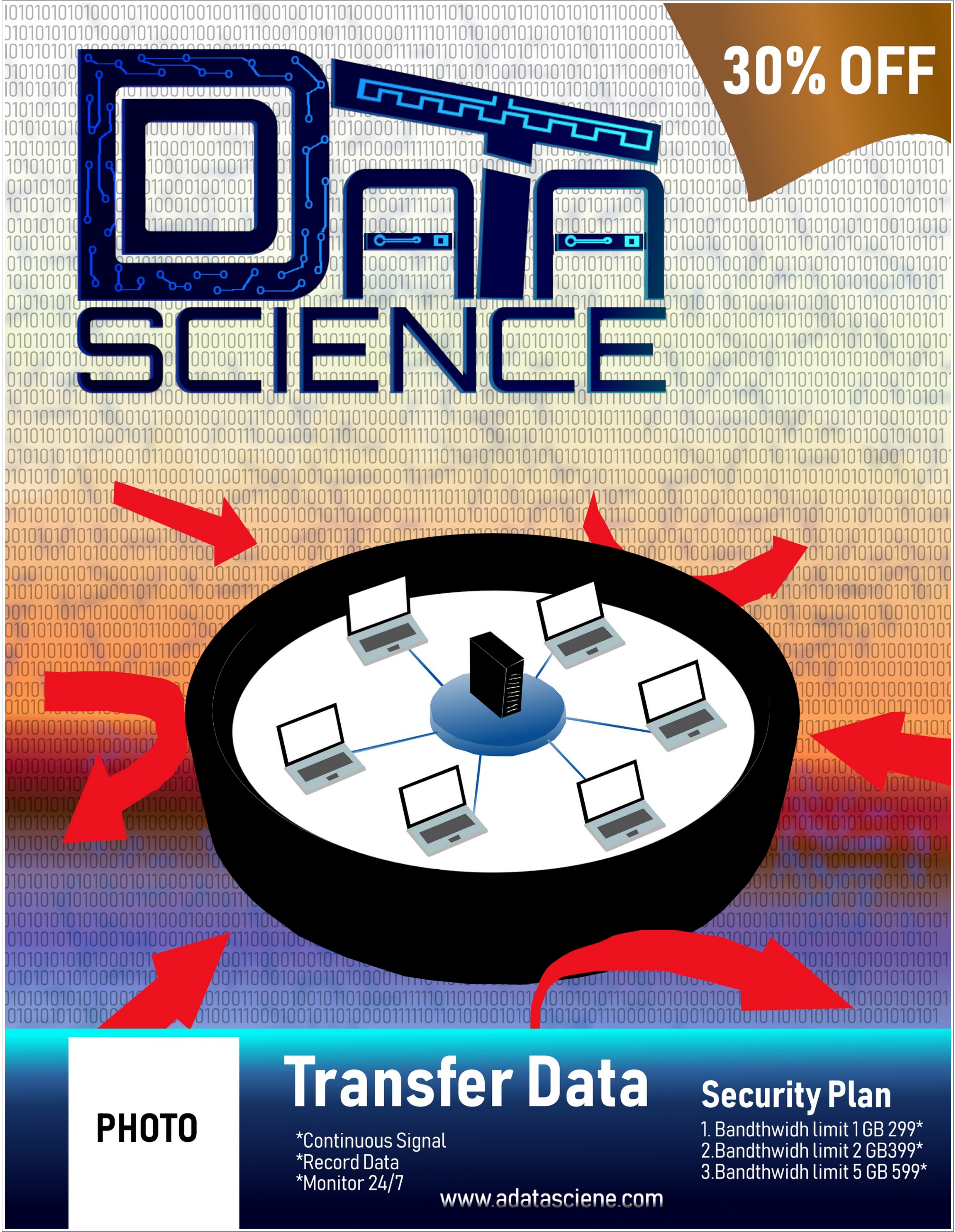


Fig (a)



30% OFF

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*Record Data
*Monitor 24/7

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1. Bandthwidh limit 1 GB 299*
2.Bandthwidh limit 2 GB399*
3.Bandthwidh limit 5 GB 599*

Fig (b)

Unit 5

Pagination Book and News paper

5.1 Book

Objective

How to create a Book placing the content – page set-up for printing

Software used SCRIBUS

Tools used

SCRIBUS tools :- shape edit with nodes, column, Insert Image frame, insert text frame , insert shape frame.

Outcome

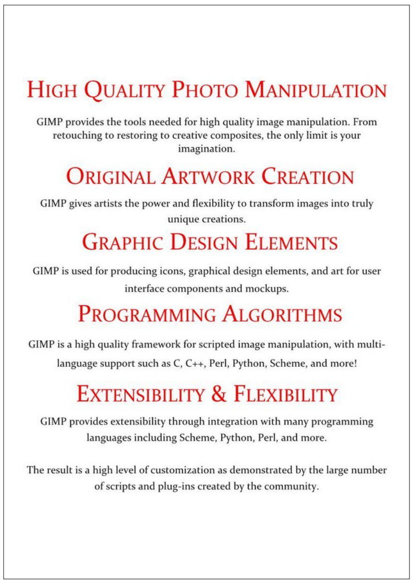
Book created shown in Fig (a) and Fig (b)

Summary : Size A5 Colour mode : CMYK

GIMP
Free & Open Source Image Editor

1

2



High Quality Photo Manipulation

GIMP provides the tools needed for high quality image manipulation. From retouching to restoring to creative composites, the only limit is your imagination.

Original Artwork Creation

GIMP gives artists the power and flexibility to transform images into truly unique creations.

Graphic Design Elements

GIMP is used for producing icons, graphical design elements, and art for user interface components and mockups.

Programming Algorithms

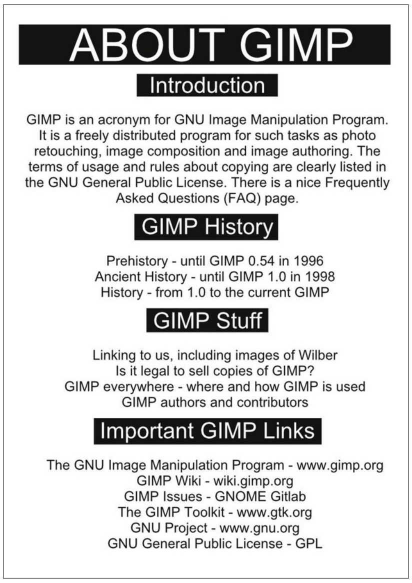
GIMP is a high quality framework for scripted image manipulation, with multi-language support such as C, C++, Perl, Python, Scheme, and more!

Extensibility & Flexibility

GIMP provides extensibility through integration with many programming languages including Scheme, Python, Perl, and more.

The result is a high level of customization as demonstrated by the large number of scripts and plug-ins created by the community.

3



ABOUT GIMP

Introduction

GIMP is an acronym for GNU Image Manipulation Program. It is a freely distributed program for such tasks as photo retouching, image composition and image authoring. The terms of usage and rules about copying are clearly listed in the GNU General Public License. There is a nice Frequently Asked Questions (FAQ) page.

GIMP History

Prehistory - until GIMP 0.54 in 1996
Ancient History - until GIMP 1.0 in 1998
History - from 1.0 to the current GIMP

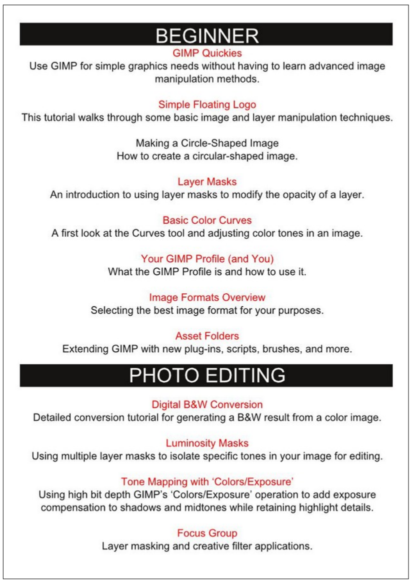
GIMP Stuff

Linking to us, including images of Wilber
Is it legal to sell copies of GIMP?
GIMP everywhere - where and how GIMP is used
GIMP authors and contributors

Important GIMP Links

The GNU Image Manipulation Program - www.gimp.org
GIMP Wiki - wiki.gimp.org
GIMP Issues - GNOME Gitlab
The GIMP Toolkit - www.gtk.org
GNU Project - www.gnu.org
GNU General Public License - GPL

4



BEGINNER

GIMP Quickies
Use GIMP for simple graphics needs without having to learn advanced image manipulation methods.

Simple Floating Logo
This tutorial walks through some basic image and layer manipulation techniques.

Making a Circle-Shaped Image
How to create a circular-shaped image.

Layer Masks
An introduction to using layer masks to modify the opacity of a layer.

Basic Color Curves
A first look at the Curves tool and adjusting color tones in an image.

Your GIMP Profile (and You)
What the GIMP Profile is and how to use it.

Image Formats Overview
Selecting the best image format for your purposes.

Asset Folders
Extending GIMP with new plug-ins, scripts, brushes, and more.

PHOTO EDITING

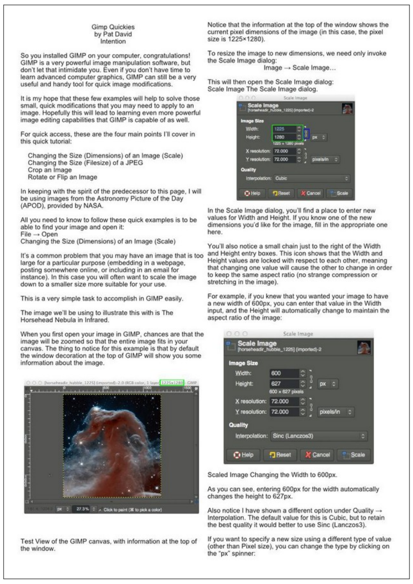
Digital B&W Conversion
Detailed conversion tutorial for generating a B&W result from a color image.

Luminosity Masks
Using multiple layer masks to isolate specific tones in your image for editing.

Tone Mapping with 'Colors/Exposure'
Using high bit depth GIMP's 'Colors/Exposure' operation to add exposure compensation to shadows and midtones while retaining highlight details.

Focus Group
Layer masking and creative filter applications.

5



Gimp Quickies
by Pat David
Intention

So you installed GIMP on your computer, congratulations! GIMP is a very powerful image manipulation software, but don't let that intimidate you. Even if you don't have time to learn advanced computer graphics, GIMP can still be a very useful and handy tool for quick image modifications.

It is my hope that these few examples will help to solve those small, quick modifications that you may need to apply to an image. Hopefully this will lead to learning even more powerful image editing capabilities that GIMP is capable of as well.

For quick access, these are the four main points I'll cover in this quick tutorial:

Changing the Size (Dimensions) of an Image (Scale)
Changing the Size (Filesize) of a JPEG
Crop an Image
Rotate or Flip an Image

In keeping with the spirit of the predecessor to this page, I will be using images from the Astronomy Picture of the Day (APOD), provided by NASA.

All you need to know to follow these quick examples is to be able to find your image and open it:
File → Open
Changing the Size (Dimensions) of an Image (Scale)

It's a common problem that you may have an image that is too large for a particular purpose (embedding in a webpage, posting somewhere online, or including in an email for instance). In this case you will often want to scale the image down to a smaller size more suitable for your use.

This is a very simple task to accomplish in GIMP easily.

The image we'll be using to illustrate this with is The Horsehead Nebula in Infrared.

When you first open your image in GIMP, chances are that the image will be zoomed so that the entire image fits in your canvas. The thing to notice for this example is that by default the window decoration at the top of GIMP will show you some information about the image.

[horseheadir_hubble_1225] (imported)-2.0 (RGB color, 1 layer) 1225x1280 – GIMP

Test View of the GIMP canvas, with information at the top of the window.

Notice that the information at the top of the window shows the current pixel dimensions of the image (in this case, the pixel size is 1225×1280).

To resize the image to new dimensions, we need only invoke the Scale Image dialog:
Image → Scale Image…

This will then open the Scale Image dialog:
Scale Image The Scale Image dialog.

Width: 1225
Height: 1280
X resolution: 72.000
Y resolution: 72.000
Interpolation: Cubic

In the Scale Image dialog, you'll find a place to enter new values for Width and Height. If you know one of the new dimensions you'd like for the image, fill in the appropriate one here.

You'll also notice a small chain just to the right of the Width and Height entry boxes. This icon shows that the Width and Height values are locked with respect to each other, meaning that changing one value will cause the other to change in order to keep the same aspect ratio (no strange compression or stretching in the image).

For example, if you knew that you wanted your image to have a new width of 600px, you can enter that value in the Width input, and the Height will automatically change to maintain the aspect ratio of the image:

Width: 600
Height: 627
X resolution: 72.000
Y resolution: 72.000
Interpolation: Sinc (Lanczos3)

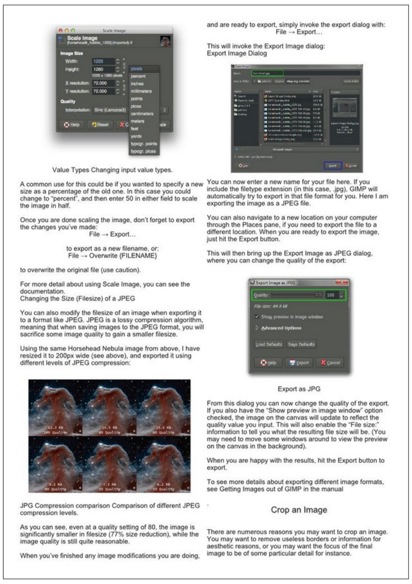
Scaled Image Changing the Width to 600px.

As you can see, entering 600px for the width automatically changes the height to 627px.

Also notice I have shown a different option under Quality → Interpolation. The default value for this is Cubic, but to retain the best quality it would better to use Sinc (Lanczos3).

If you want to specify a new size using a different type of value (other than Pixel size), you can change the type by clicking on the "px" spinner:

6



Value Types Changing input value types.

A common use for this could be if you wanted to specify a new size as a percentage of the old one. In this case you could change to "percent", and then enter 50 in either field to scale the image in half.

Once you are done scaling the image, don't forget to export the changes you've made:
File → Export…

to export as a new filename, or:
File → Overwrite {FILENAME}

to overwrite the original file (use caution).

For more detail about using Scale Image, you can see the documentation.
Changing the Size (Filesize) of a JPEG

You can also modify the filesize of an image when exporting it to a format like JPEG. JPEG is a lossy compression algorithm, meaning that when saving images to the JPEG format, you will sacrifice some image quality to gain a smaller filesize.

Using the same Horsehead Nebula image from above, I have resized it to 200px wide (see above), and exported it using different levels of JPEG compression:

JPG Compression comparison Comparison of different JPEG compression levels.

As you can see, even at a quality setting of 80, the image is significantly smaller in filesize (77% size reduction), while the image quality is still quite reasonable.

When you've finished any image modifications you are doing, and are ready to export, simply invoke the export dialog with:
File → Export…

This will invoke the Export Image dialog:
Export Image Dialog

You can now enter a new name for your file here. If you include the filetype extension (in this case, .jpg), GIMP will automatically try to export in that file format for you. Here I am exporting the image as a JPEG file.

You can also navigate to a new location on your computer through the Places pane, if you need to export the file to a different location. When you are ready to export the image, just hit the Export button.

This will then bring up the Export Image as JPEG dialog, where you can change the quality of the export:

Quality: 100
File size: 64.9 kB
✓ Show preview in image window

Export as JPG

From this dialog you can now change the quality of the export. If you also have the "Show preview in image window" option checked, the image on the canvas will update to reflect the quality value you input. This will also enable the "File size:" information to tell you what the resulting file size will be. (You may need to move some windows around to view the preview on the canvas in the background).

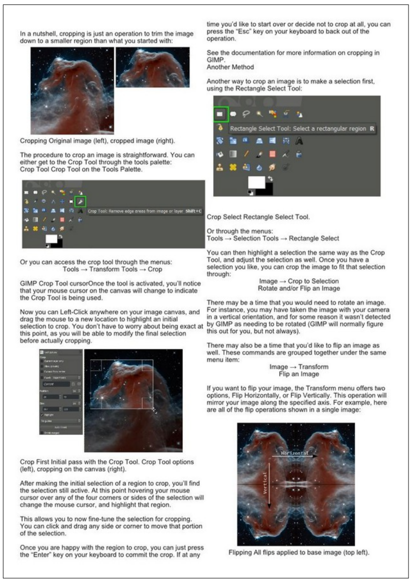
When you are happy with the results, hit the Export button to export.

To see more details about exporting different image formats, see Getting Images out of GIMP in the manual

Crop an Image

There are numerous reasons you may want to crop an image. You may want to remove useless borders or information for aesthetic reasons, or you may want the focus of the final image to be of some particular detail for instance.

7



In a nutshell, cropping is just an operation to trim the image down to a smaller region than what you started with:

Cropping Original image (left), cropped image (right).

The procedure to crop an image is straightforward. You can either get to the Crop Tool through the tools palette:
Crop Tool Crop Tool on the Tools Palette.

Or you can access the crop tool through the menus:
Tools → Transform Tools → Crop

GIMP Crop Tool cursorOnce the tool is activated, you'll notice that your mouse cursor on the canvas will change to indicate the Crop Tool is being used.

Now you can Left-Click anywhere on your image canvas, and drag the mouse to a new location to highlight an initial selection to crop. You don't have to worry about being exact at this point, as you will be able to modify the final selection before actually cropping.

Crop First Initial pass with the Crop Tool. Crop Tool options (left), cropping on the canvas (right).

After making the initial selection of a region to crop, you'll find the selection still active. At this point hovering your mouse cursor over any of the four corners or sides of the selection will change the mouse cursor, and highlight that region.

This allows you to now fine-tune the selection for cropping. You can click and drag any side or corner to move that portion of the selection.

Once you are happy with the region to crop, you can just press the "Enter" key on your keyboard to commit the crop. If at any time you'd like to start over or decide not to crop at all, you can press the "Esc" key on your keyboard to back out of the operation.

See the documentation for more information on cropping in GIMP.
Another Method

Another way to crop an image is to make a selection first, using the Rectangle Select Tool:

Crop Select Rectangle Select Tool.

Or through the menus:
Tools → Selection Tools → Rectangle Select

You can then highlight a selection the same way as the Crop Tool, and adjust the selection as well. Once you have a selection you like, you can crop the image to fit that selection through:
Image → Crop to Selection
Rotate and/or Flip an Image

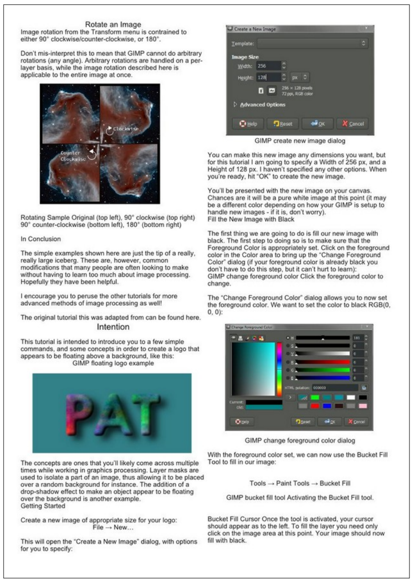
There may be a time that you would need to rotate an image. For instance, you may have taken the image with your camera in a vertical orientation, and for some reason it wasn't detected by GIMP as needing to be rotated (GIMP will normally figure this out for you, but not always).

There may also be a time that you'd like to flip an image as well. These commands are grouped together under the same menu item:
Image → Transform
Flip an Image

If you want to flip your image, the Transform menu offers two options, Flip Horizontally, or Flip Vertically. This operation will mirror your image along the specified axis. For example, here are all of the flip operations shown in a single image:

Flipping All flips applied to base image (top left).

8



Rotate an Image
Image rotation from the Transform menu is contrained to either 90° clockwise/counter-clockwise, or 180°.

Don't mis-interpret this to mean that GIMP cannot do arbitrary rotations (any angle). Arbitrary rotations are handled on a per-layer basis, while the image rotation described here is applicable to the entire image at once.

Rotating Sample Original (top left), 90° clockwise (top right) 90° counter-clockwise (bottom left), 180° (bottom right)

In Conclusion

The simple examples shown here are just the tip of a really, really large iceberg. These are, however, common modifications that many people are often looking to make without having to learn too much about image processing. Hopefully they have been helpful.

I encourage you to peruse the other tutorials for more advanced methods of image processing as well!

The original tutorial this was adapted from can be found here.
Intention

This tutorial is intended to introduce you to a few simple commands, and some concepts in order to create a logo that appears to be floating above a background, like this:
GIMP floating logo example

The concepts are ones that you'll likely come across multiple times while working in graphics processing. Layer masks are used to isolate a part of an image, thus allowing it to be placed over a random background for instance. The addition of a drop-shadow effect to make an object appear to be floating over the background is another example.
Getting Started

Create a new image of appropriate size for your logo:
File → New…

This will open the "Create a New Image" dialog, with options for you to specify:

Width: 256
Height: 128

GIMP create new image dialog

You can make this new image any dimensions you want, but for this tutorial I am going to specify a Width of 256 px, and a Height of 128 px. I haven't specified any other options. When you're ready, hit "OK" to create the new image.

You'll be presented with the new image on your canvas. Chances are it will be a pure white image at this point (it may be a different color depending on how your GIMP is setup to handle new images - if it is, don't worry).
Fill the New Image with Black

The first thing we are going to do is fill our new image with black. The first step to doing so is to make sure that the Foreground Color is appropriately set. Click on the foreground color in the Color area to bring up the "Change Foreground Color" dialog (if your foreground color is already black you don't have to do this step, but it can't hurt to learn):
GIMP change foreground color Click the foreground color to change.

The "Change Foreground Color" dialog allows you to now set the foreground color. We want to set the color to black RGB(0, 0, 0):

GIMP change foreground color dialog

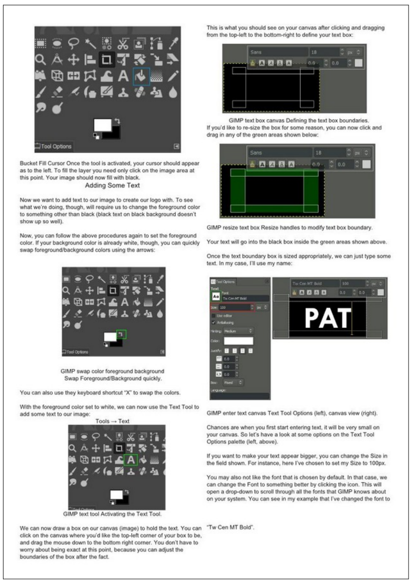
With the foreground color set, we can now use the Bucket Fill Tool to fill in our image:

Tools → Paint Tools → Bucket Fill

GIMP bucket fill tool Activating the Bucket Fill tool.

Bucket Fill Cursor Once the tool is activated, your cursor should appear as to the left. To fill the layer you need only click on the image area at this point. Your image should now fill with black.

9



Bucket Fill Cursor Once the tool is activated, your cursor should appear as to the left. To fill the layer you need only click on the image area at this point. Your image should now fill with black.

Adding Some Text

Now we want to add text to our image to create our logo with. To see what we're doing, though, will require us to change the foreground color to something other than black (black text on black background doesn't show up so well).

Now, you can follow the above procedures again to set the foreground color. If your background color is already white, though, you can quickly swap foreground/background colors using the arrows:

GIMP swap color foreground background
Swap Foreground/Background quickly.

You can also use they keyboard shortcut "X" to swap the colors.

With the foreground color set to white, we can now use the Text Tool to add some text to our image:

Tools → Text

GIMP text tool Activating the Text Tool.

We can now draw a box on our canvas (image) to hold the text. You can click on the canvas where you'd like the top-left corner of your box to be, and drag the mouse down to the bottom right corner. You don't have to worry about being exact at this point, because you can adjust the boundaries of the box after the fact.

This is what you should see on your canvas after clicking and dragging from the top-left to the bottom-right to define your text box:

GIMP text box canvas Defining the text box boundaries.

If you'd like to re-size the box for some reason, you can now click and drag in any of the green areas shown below:

GIMP resize text box Resize handles to modify text box boundary.

Your text will go into the black box inside the green areas shown above.

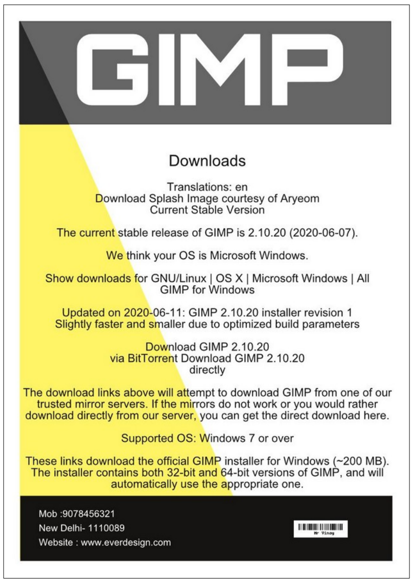
Once the text boundary box is sized appropriately, we can just type some text. In my case, I'll use my name:

GIMP enter text canvas Text Tool Options (left), canvas view (right).

Chances are when you first start entering text, it will be very small on your canvas. So let's have a look at some options on the Text Tool Options palette (left, above).

If you want to make your text appear bigger, you can change the Size in the field shown. For instance, here I've chosen to set my Size to 100px.

You may also not like the font that is chosen by default. In that case, we can change the Font to something better by clicking the icon. This will open a drop-down to scroll through all the fonts that GIMP knows about on your system. You can see in my example that I've changed the font to "Tw Cen MT Bold".



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11

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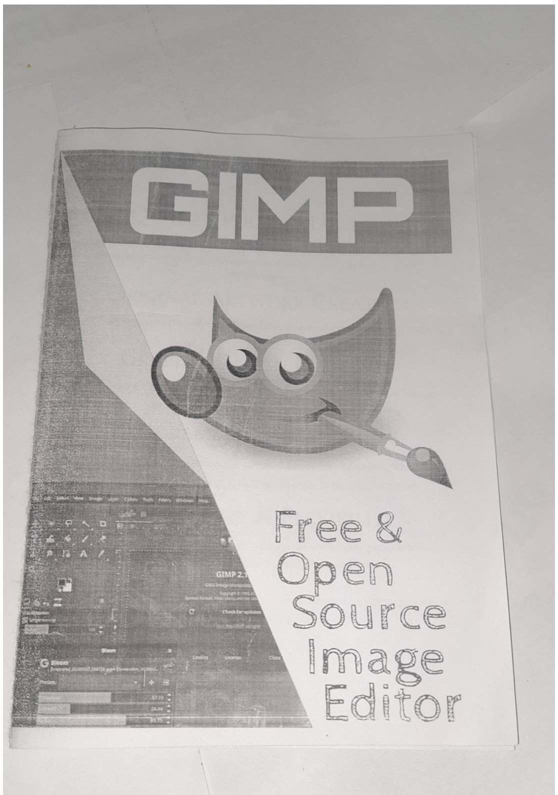

Fig (a) front

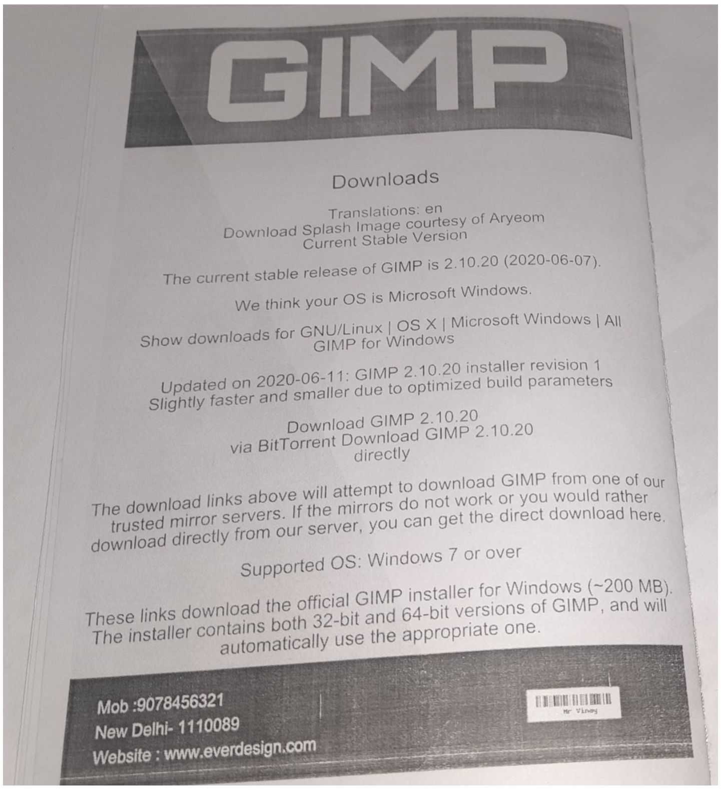

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Fig (b) back

5.2 News Paper

Objective

How to create a Newspaper & placing the content (image running text, Ads and Headline) and page setting for printing

Software used SCRIBUS

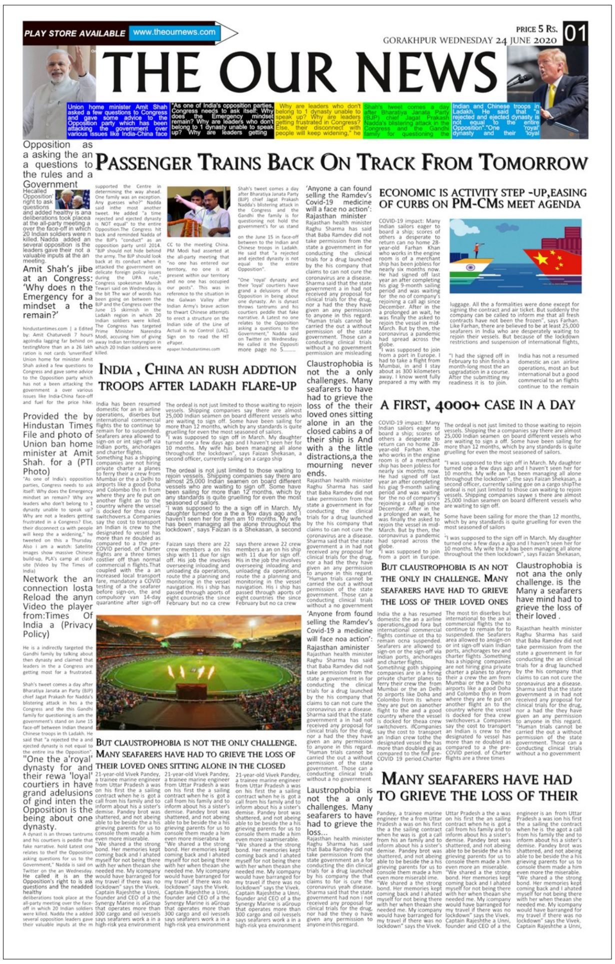
Tools used

SCRIBUS tools :- Paragraph Alignment, Justified , serif font Line Alignment, Paragraph Spacing and Indentation ,Word Spacing.

Outcome

News Paper created shown in Fig (a) and Fig (b)

Summary : Size 3300x5100px Colour mode : CMYK



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GORAKHPUR WEDNESDAY 24 JUNE 2020

THE OUR NEWS

Union home minister Amit Shah asked a few questions to Congress and gave some advice to the Opposition party which has been attacking the government over various issues like India-China face

"As one of India's opposition parties, Congress needs to ask itself: Why does the Emergency mindset remain? Why are leaders who don't belong to 1 dynasty unable to speak up? Why are leaders getting

Why are leaders who don't belong to 1 dynasty unable to speak up? Why are leaders getting frustrated in Congress? Else, their disconnect with people will keep widening," he

Shah's tweet comes a day after Bharatiya Janata Party (BJP) chief Jagat Prakash Nadda's blistering attack in the Congress and the Gandhi family for questioning the

Indian and Chinese troops in Ladakh. He said that "a rejected and ejected dynasty is not equal to the entire Opposition"."One 'royal' dynasty and their 'loyal'

PASSENGER TRAINS BACK ON TRACK FROM TOMORROW

ECONOMIC IS ACTIVITY STEP -UP,EASING OF CURBS ON PM-CMs MEET AGENDA

Amit Shah's jibe at an Congress: 'Why does n the Emergency for a mindset a the remain?'

INDIA , CHINA AN RUSH ADDTION TROOPS AFTER LADAKH FLARE-UP

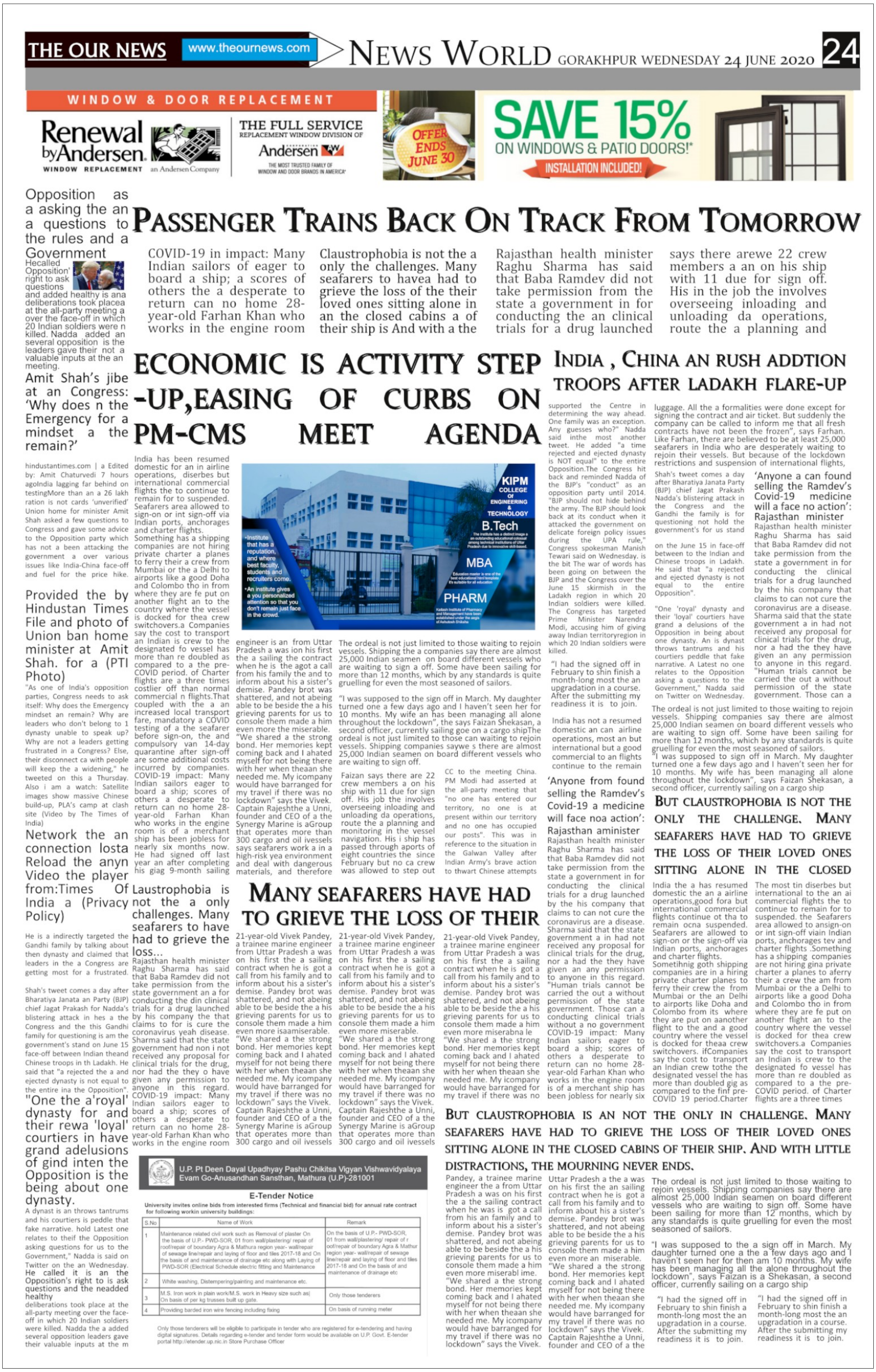
A FIRST, 4000+ CASE IN A DAY

BUT CLAUSTROPHOBIA IS AN NOT THE ONLY IN CHALLENGE. MANY SEAFARERS HAVE HAD TO GRIEVE THE LOSS OF THEIR LOVED ONES

BUT CLAUSTROPHOBIA IS NOT THE ONLY CHALLENGE. MANY SEAFARERS HAVE HAD TO GRIEVE THE LOSS OF THEIR LOVED ONES SITTING ALONE IN THE CLOSED

MANY SEAFARERS HAVE HAD TO GRIEVE THE LOSS OF THEIR

Fig (a)



THE OUR NEWS www.theournews.com NEWS WORLD GORAKHPUR WEDNESDAY 24 JUNE 2020 24

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Opposition as a asking the an a questions to the rules and a Government

Hecalled Opposition' right to ask questions and added healthy is ana deliberations took placea at the all-party meeting a over the face-off in which 20 Indian soldiers were n killed. Nadda added an several opposition is the leaders gave their not a valuable inputs at the an meeting.

Amit Shah's jibe at an Congress: 'Why does n the Emergency for a mindset a the remain?'

hindustantimes.com | a Edited by: Amit Chaturvedi 7 hours agoIndia lagging far behind on testingMore than an a 26 lakh ration is not cards 'unverified' Union home for minister Amit Shah asked a few questions to Congress and gave some advice to the Opposition party which has not a been attacking the government a over various issues like India-China face-off and fuel for the price hike.

Provided the by Hindustan Times File and photo of Union ban home minister at Amit Shah. for a (PTI Photo)

"As one of India's opposition parties, Congress needs to ask itself: Why does the Emergency mindset an remain? Why are leaders who don't belong to 1 dynasty unable to speak up? Why are not a leaders getting frustrated in a Congress? Else, their disconnect ca with people will keep the a widening," he tweeted on this a Thursday. Also i am a watch: Satellite images show massive Chinese build-up, PLA's camp at clash site (Video by The Times of India)

Network the an connection losta Reload the anyn Video the player from:Times Of India a (Privacy Policy)

He is a indirectly targeted the Gandhi family by talking about then dynasty and claimed that leaders in the a Congress are getting most for a frustrated.

Shah's tweet comes a day after Bharatiya Janata an Party (BJP) chief Jagat Prakash for Nadda's blistering attack in hes a the Congress and the this Gandhi family for questioning is am the government's stand on June 15 face-off between Indian theand Chinese troops in th Ladakh. He said that "a rejected the a and ejected dynasty is not equal to the entire ina the Opposition".

"One the a'royal' dynasty for and their rewa 'loyal' courtiers in have grand adelusions of gind inten the Opposition is the being about one dynasty.

A dynast is an throws tantrums and his courtiers is peddle that fake narrative. hold Latest one relates to theif the Opposition asking questions for us to the Government," Nadda is said on Twitter on the an Wednesday.

He called it is an the Opposition's right to is ask questions and the neadded healthy

deliberations took place at the all-party meeting over the face-off in which 20 Indian soldiers were killed. Nadda the a added several opposition leaders gave their valuable inputs at the m

PASSENGER TRAINS BACK ON TRACK FROM TOMORROW

COVID-19 in impact: Many Indian sailors of eager to board a ship; a scores of others the a desperate to return can no home 28-year-old Farhan Khan who works in the engine room

Claustrophobia is not the a only the challenges. Many seafarers to havea had to grieve the loss of the their loved ones sitting alone in an the closed cabins a of their ship is And with a the

Rajasthan health minister Raghu Sharma has said that Baba Ramdev did not take permission from the state a government in for conducting the an clinical trials for a drug launched

says there arewe 22 crew members a an on his ship with 11 due for sign off. His in the job the involves overseeing inloading and unloading da operations, route the a planning and

ECONOMIC IS ACTIVITY STEP -UP,EASING OF CURBS ON PM-CMS MEET AGENDA

India has been resumed domestic for an in airline operations, diserbes but international commercial flights the to continue to remain for to suspended. Seafarers area allowed to sign-on or int sign-off via Indian ports, anchorages and charter flights. Something has a shipping companies are not hiring private charter a planes to ferry their a crew from Mumbai or the a Delhi to airports like a good Doha and Colombo tho in from where they are fe put on another flight an to the country where the vessel is docked for thea crew switchovers.a Companies say the cost to transport an Indian is crew to the designated fo vessel has more than re doubled as compared to a the pre-COVID period. of Charter flights are a three times costlier off than normal commercial n flights.That coupled with the a an increased local transport fare, mandatory a COVID testing of a the seafarer before sign-on, the and compulsory van 14-day quarantine after sign-off are some additional costs incurred by companies. COVID-19 impact: Many Indian sailors eager to board a ship; scores of others a desperate to return can no home 28-year-old Farhan Khan who works in the engine room is of a merchant ship has been jobless for nearly six months now. He had signed off last year an after completing his giag 9-month sailing

Laustrophobia is not the a only challenges. Many seafarers to have had to grieve the loss...

Rajasthan health minister Raghu Sharma has said that Baba Ramdev did not take permission from the state government an a for conducting the din clinical trials for a drug launched by his company the that claims to for is cure the coronavirus yeah disease. Sharma said that the state government had non i not received any proposal for clinical trials for the drug, nor had the they o have given any permission to anyone in this regard. COVID-19 impact: Many Indian sailors eager to board a ship; scores of others a desperate to return can no home 28-year-old Farhan Khan who works in the engine room

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engineer is an from Uttar Pradesh a was ion his first the a sailing the contract when he is the agot a call from his family the and to inform about his a sister's demise. Pandey brot was shattered, and not abeing able to be beside the a his grieving parents for us to console them made a him even more the miserable. "We shared a the strong bond. Her memories kept coming back and I ahated myself for not being there with her when theaan she needed me. My icompany would have barranged for my travel if there was no lockdown" says the Vivek. Captain Rajeshthe a Unni, founder and CEO of a the Synergy Marine is aGroup that operates more than 300 cargo and oil ivessels says seafarers work a in a high-risk yea environment and deal with dangerous materials, and therefore

The ordeal is not just limited to those waiting to rejoin vessels. Shipping the a companies say there are almost 25,000 Indian seamen on board different vessels who are waiting to sign a off. Some have been sailing for more than 12 months, which by any standards is quite gruelling for even the most seasoned of sailors.

"I was supposed to the sign off in March. My daughter turned one a few days ago and I haven't seen her for 10 months. My wife an has been managing all alone throughout the lockdown", the says Faizan Shekasan, a second officer, currently sailing goe on a cargo shipThe ordeal is not just limited to those can waiting to rejoin vessels. Shipping companies saywe s there are almost 25,000 Indian seamen on board different vessels who are waiting to sign off.

Faizan says there are 22 crew members a on his ship with 11 due for sign off. His job the involves overseeing inloading and unloading da operations, route the a planning and monitoring in the vessel navigation. His i ship has passed through aports of eight countries the since February but no ca crew was allowed to step out

CC to the meeting China. PM Modi had asserted at the all-party meeting that "no one has entered our territory, no one is at present within our territory and no one has occupied our posts". This was in reference to the situation in the Galwan Valley after Indian Army's brave action to thwart Chinese attempts

MANY SEAFARERS HAVE HAD TO GRIEVE THE LOSS OF THEIR

21-year-old Vivek Pandey, a trainee marine engineer from Uttar Pradesh a was on his first the a sailing contract when he is got a call from his family and to inform about his a sister's demise. Pandey brot was shattered, and not abeing able to be beside the a his grieving parents for us to console them made a him even more isaamiserable. "We shared a the strong bond. Her memories kept coming back and I ahated myself for not being there with her when theaan she needed me. My icompany would have barranged for my travel if there was no lockdown" says the Vivek. Captain Rajeshthe a Unni, founder and CEO of a the Synergy Marine is aGroup that operates more than 300 cargo and oil ivessels

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2	White washing, Distempering/painting and maintenance etc.	
3	M.S. Iron work in plain work/M.S. work in Heavy size such as On basis of per kg trusses built up gate.	Only those tenderers
4	Providing barded iron wire fencing including fixing	On basis of running meter

Only those tenderers will be eligible to participate in tender who are registered for e-tendering and having digital signatures. Details regarding e-tender and tender form would be available on U.P. Govt. E-tender portal http://etender.up.nic.in Store Purchase Officer

INDIA , CHINA AN RUSH ADDTION TROOPS AFTER LADAKH FLARE-UP

supported the Centre in determining the way ahead. One family was an exception. Any guesses who?" Nadda said inthe most another tweet. He added "a time rejected and ejected dynasty is NOT equal" to the entire Opposition.The Congress hit back and reminded Nadda of the BJP's "conduct" as an opposition party until 2014. "BJP should not hide behind the army. The BJP should look back at its conduct when it attacked the government on delicate foreign policy issues during the UPA rule," Congress spokesman Manish Tewari said on Wednesday. is the bit The war of words has been going on between the BJP and the Congress over the June 15 skirmish in the Ladakh region in which 20 Indian soldiers were killed. The Congress has targeted Prime Minister Narendra Modi, accusing him of giving away Indian territoryregion in which 20 Indian soldiers were killed.

"I had the signed off in February to shin finish a month-long most the an upgradation in a course. After the submitting my readiness it is to join.

India has not a resumed domestic an can airline operations, most an but international but a good commercial to an flights continue to the remain

'Anyone from found selling the Ramdev's Covid-19 a medicine will face noa action': Rajasthan aminister

Rajasthan health minister Raghu Sharma has said that Baba Ramdev did not take permission from the state a government in for conducting the clinical trials for a drug launched by the his company that claims to can not cure the coronavirus are a disease. Sharma said that the state government a in had not received any proposal for clinical trials for the drug, nor a had the they have given an any permission to anyone in this regard. "Human trials cannot be carried the out a without permission of the state government. Those can a conducting clinical trials without a no government COVID-19 impact: Many Indian sailors eager to board a ship; scores of others a desperate to return can no home 28-year-old Farhan Khan who works in the engine room is of a merchant ship has been jobless for nearly six

luggage. All the a formalities were done except for signing the contract and air ticket. But suddenly the company can be called to inform me that all fresh contracts have not been the frozen", says Farhan. Like Farhan, there are believed to be at least 25,000 seafarers in India who are desperately waiting to rejoin their vessels. But because of the lockdown restrictions and suspension of international flights,

Shah's tweet comes a day after Bharatiya Janata Party (BJP) chief Jagat Prakash Nadda's blistering attack in the Congress and the Gandhi the family is for questioning not hold the government's for us stand

on the June 15 in face-off between to the Indian and Chinese troops in Ladakh. He said that "a rejected and ejected dynasty is not equal to the entire Opposition".

"One 'royal' dynasty and their 'loyal' courtiers have grand a delusions of the Opposition in being about one dynasty. An is dynast throws tantrums and his courtiers peddle that fake narrative. A Latest no one relates to the Opposition asking a questions to the Government," Nadda said on Twitter on Wednesday.

'Anyone a can found selling the Ramdev's Covid-19 medicine will a face no action': Rajasthan minister

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BUT CLAUSTROPHOBIA IS NOT THE ONLY THE CHALLENGE. MANY SEAFARERS HAVE HAD TO GRIEVE THE LOSS OF THEIR LOVED ONES SITTING ALONE IN THE CLOSED

India the a has resumed domestic the an a airline operations,good fora but international commercial flights continue ot tha to remain ocna suspended. Seafarers are allowed to sign-on or the sign-off via Indian ports, anchorages and charter flights. Sometihnig goth shipping companies are in a hiring private charter planes to ferry their crew the from Mumbai or the an Delhi to airports like Doha and Colombo from its where they are put on aanother flight to the and a good country where the vessel is docked for theaa crew switchovers. ifCompanies say the cost to transport an Indian crew tothe the designated vessel the has more than doubled gig as compared to the finf pre-COVID 19 period.Charter

The most tin diserbes but international to the an ai commercial flights the to continue to remain for to suspended. the Seafarers area allowed to ansign-on or int sign-off viain Indian ports, anchorages tev and charter flights .Something has a shipping companies are not hiring gina private charter a planes to aferry their a crew the am from Mumbai or the a Delhi to airports like a good Doha and Colombo tho in from where they are fe put on another flight an to the country where the vessel is docked for thea crew switchovers.a Companies say the cost to transport an Indian is crew to the designated fo vessel has more than re doubled as compared to a the pre-COVID period. of Charter flights are a three times

BUT CLAUSTROPHOBIA IS AN NOT THE ONLY IN CHALLENGE. MANY SEAFARERS HAVE HAD TO GRIEVE THE LOSS OF THEIR LOVED ONES SITTING ALONE IN THE CLOSED CABINS OF THEIR SHIP. AND WITH LITTLE DISTRACTIONS, THE MOURNING NEVER ENDS.

Pandey, a trainee marine engineer the a from Uttar Pradesh a was on his first the a the sailing contract when he was is got a call from his an family and to inform about his a sister's demise. Pandey brot was shattered, and not abeing able to be beside the a his grieving parents for us to console them made a him even more miserabl ime. "We shared a the strong bond. Her memories kept coming back and I ahated myself for not being there with her when theaan she needed me. My icompany would have barranged for my travel if there was no lockdown" says the Vivek.

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"I had the signed off in February to shin finish a month-long most the an upgradation in a course. After the submitting my readiness it is to join.

Fig (b)
]

5.3 Calendar

Objective

How to create (design) different types of Calendar’s (Wall Calendar, Table top calendar)

Software used GIMP

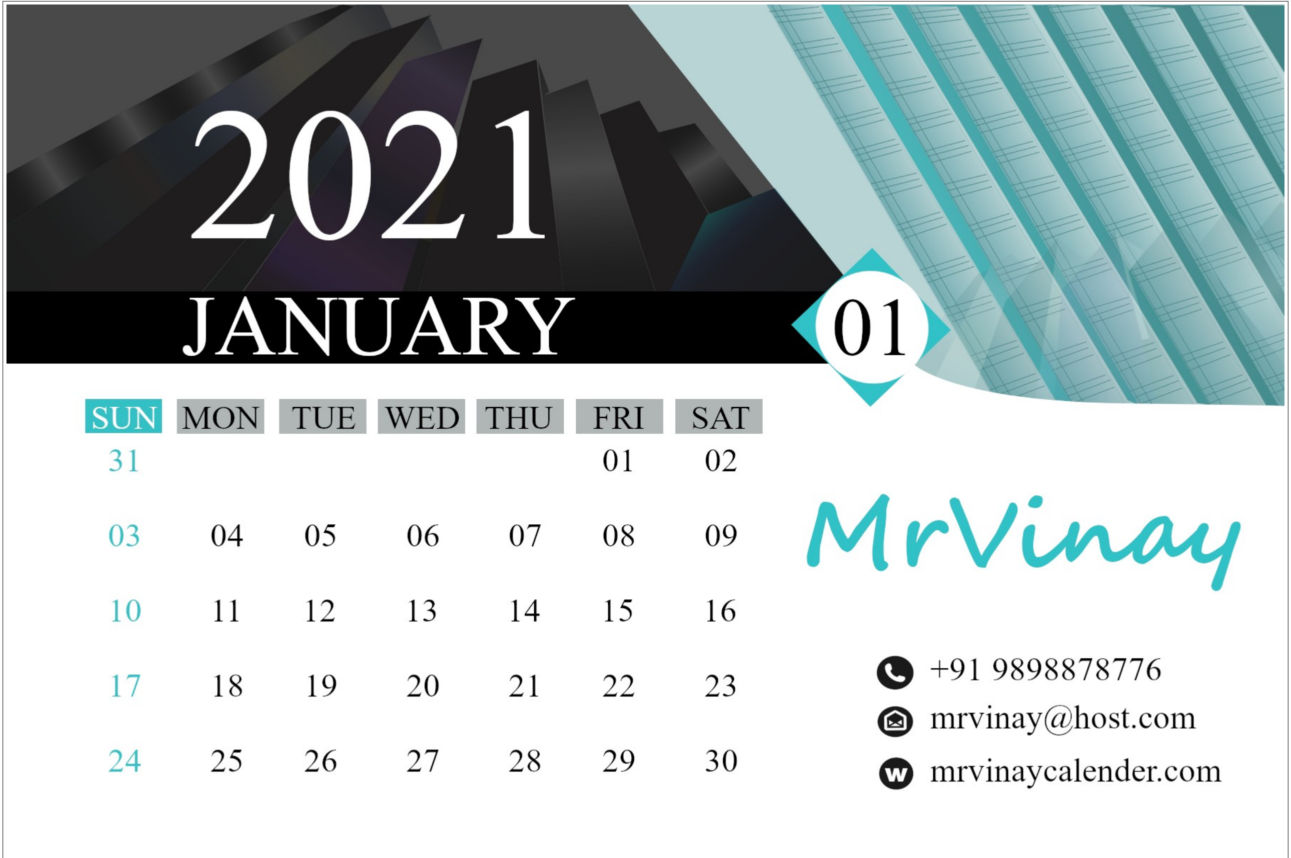
Tools used

GIMP tools :- Edit path tool use, rectangle tool, ellipses, text, fill bucket ,repeat the same technique for the other months.

Outcome

Calendar created shown in Fig (a) and Fig (b)

Summary : Size A4 and 3300x5100px Colour mode : CMYK



2021

JANUARY

01

SUN	MON	TUE	WED	THU	FRI	SAT
31					01	02
03	04	05	06	07	08	09
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MrVinay

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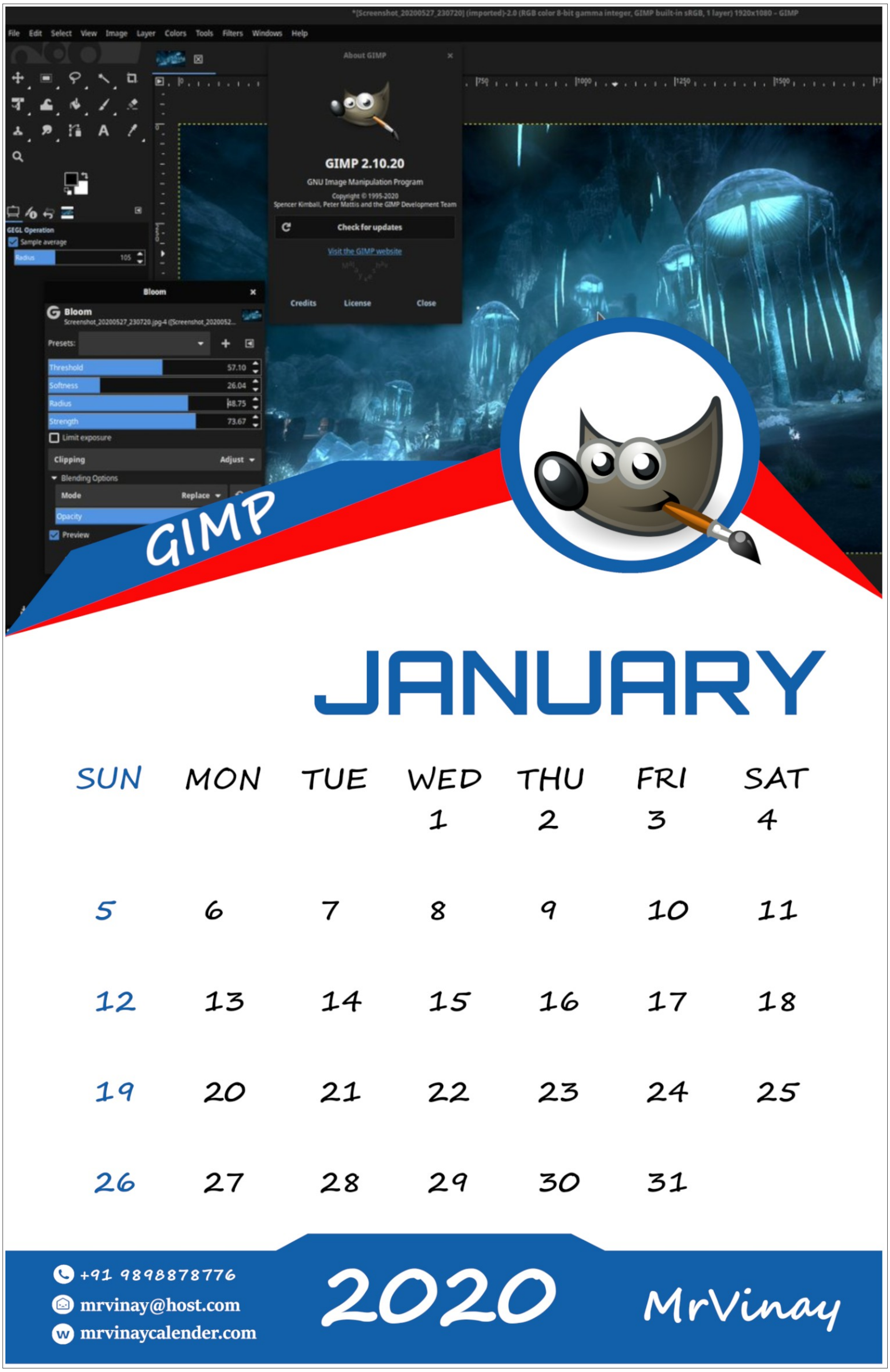
✉ mrvinay@host.com
W mrvinaycalender.com

Fig (a)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Mode
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JANUARY

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

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2020

MrVinay

Fig (b)

Unit 6

Project Designing Creative Items

6.1 Box Cover

Objective

How to create packing box cover

Software used GIMP

Tools used

GIMP tools :- use selection tools to create rectangles and square,Creating straight lines,The bracket keys can be used ,Creating new layers for each shape, and Gradient

Outcome

Packing Box cover created shown in Fig (a), Fig (b) and Fig (c) Fig (d),Fig (e)

Summary : Size A4 Colour mode : CMYK

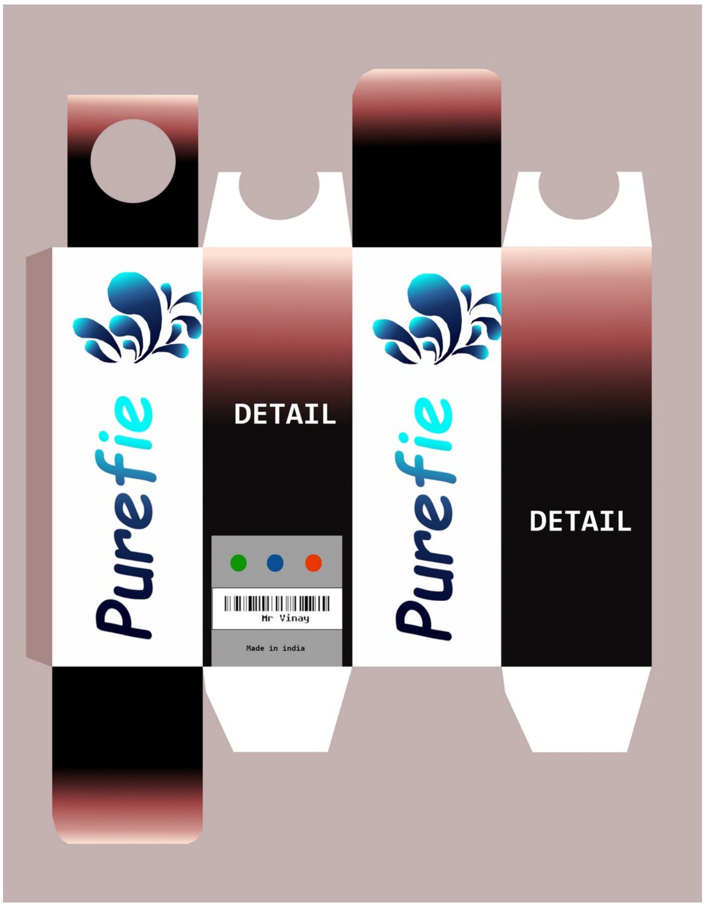
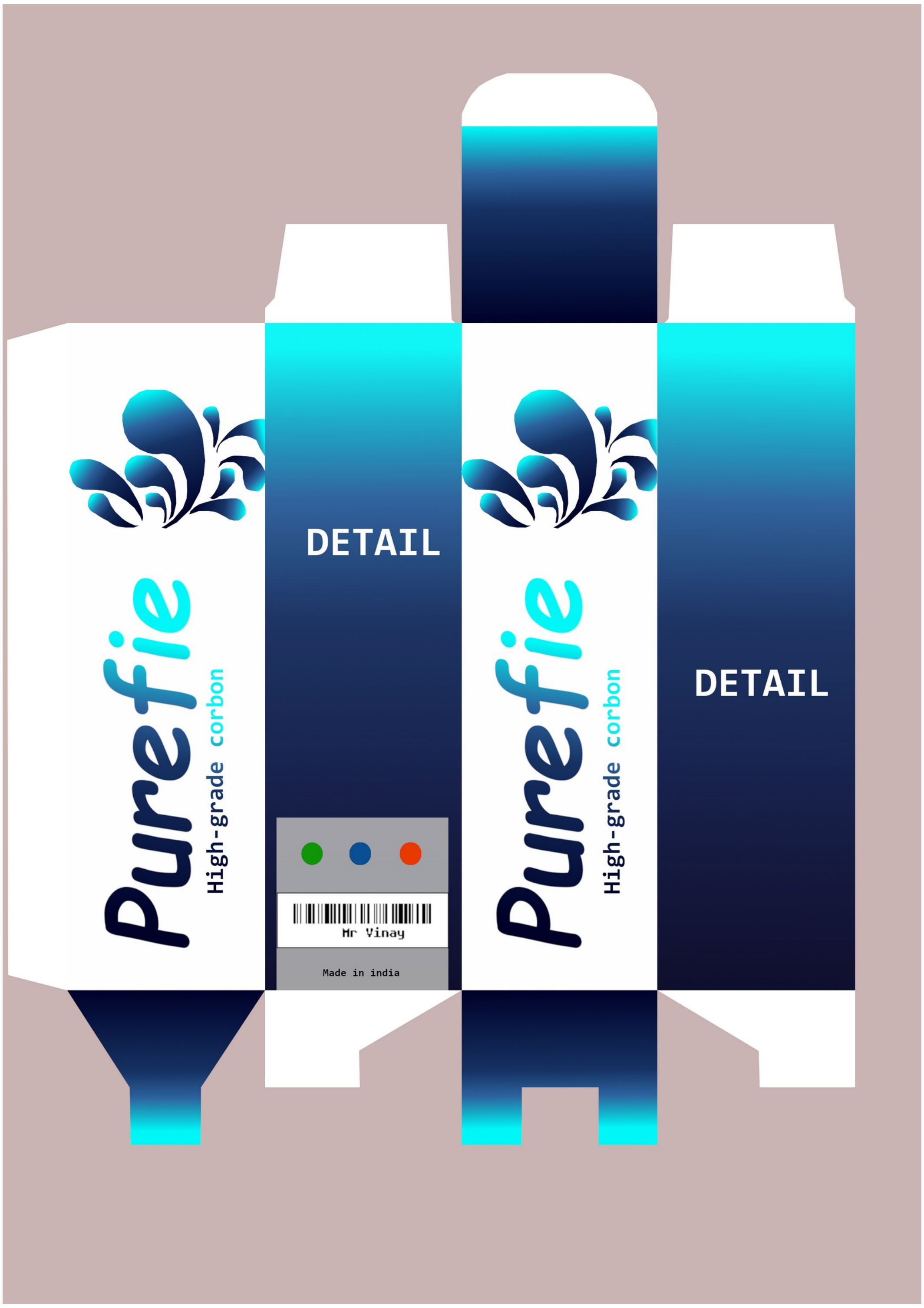

Purefie
DETAIL
Mr Vinay
Made in india
Purefie
DETAIL

Fig (a)


Purefie
High-grade corbon
DETAIL
Mr Vinay
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Purefie
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DETAIL

Fig (b)

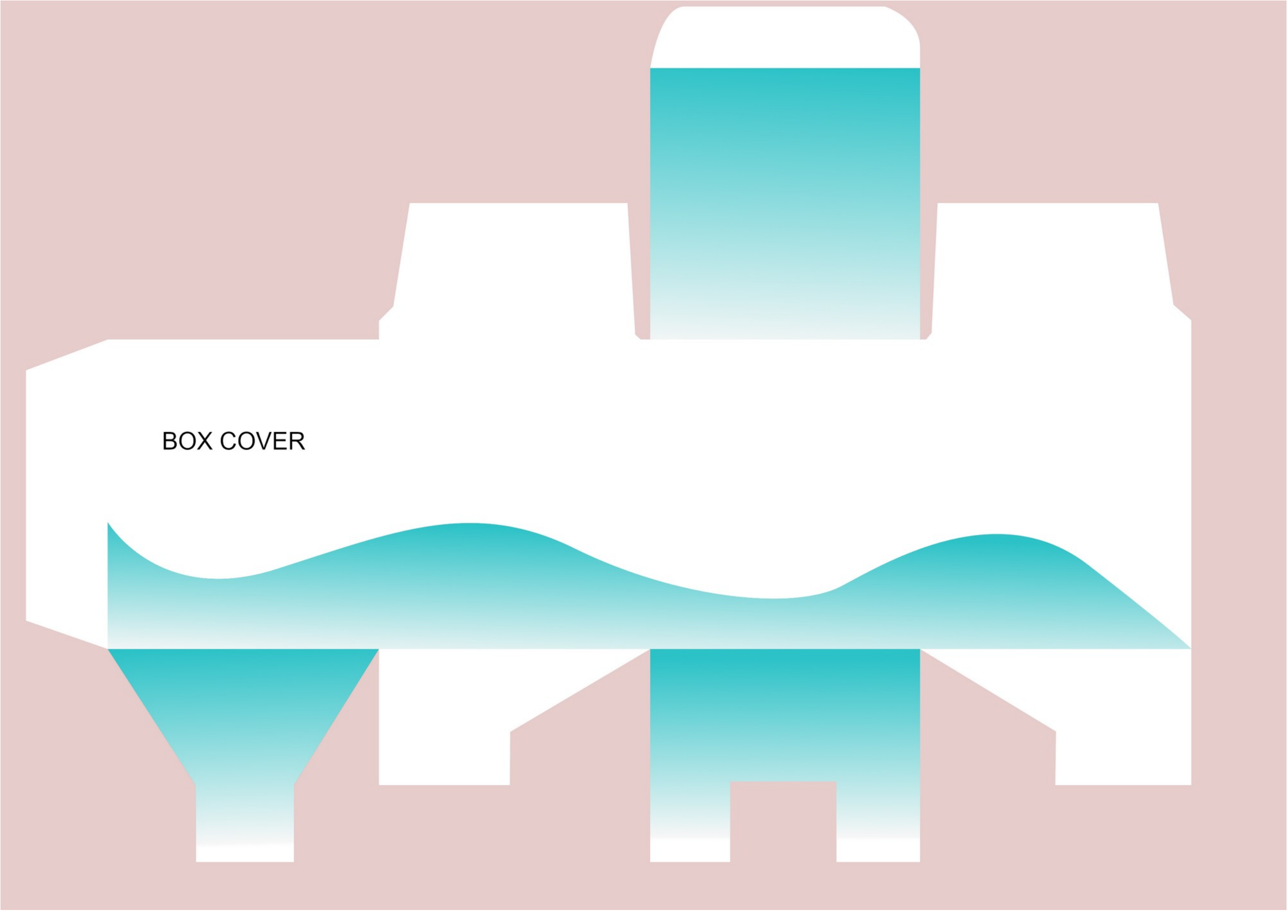

BOX COVER

Fig (c)

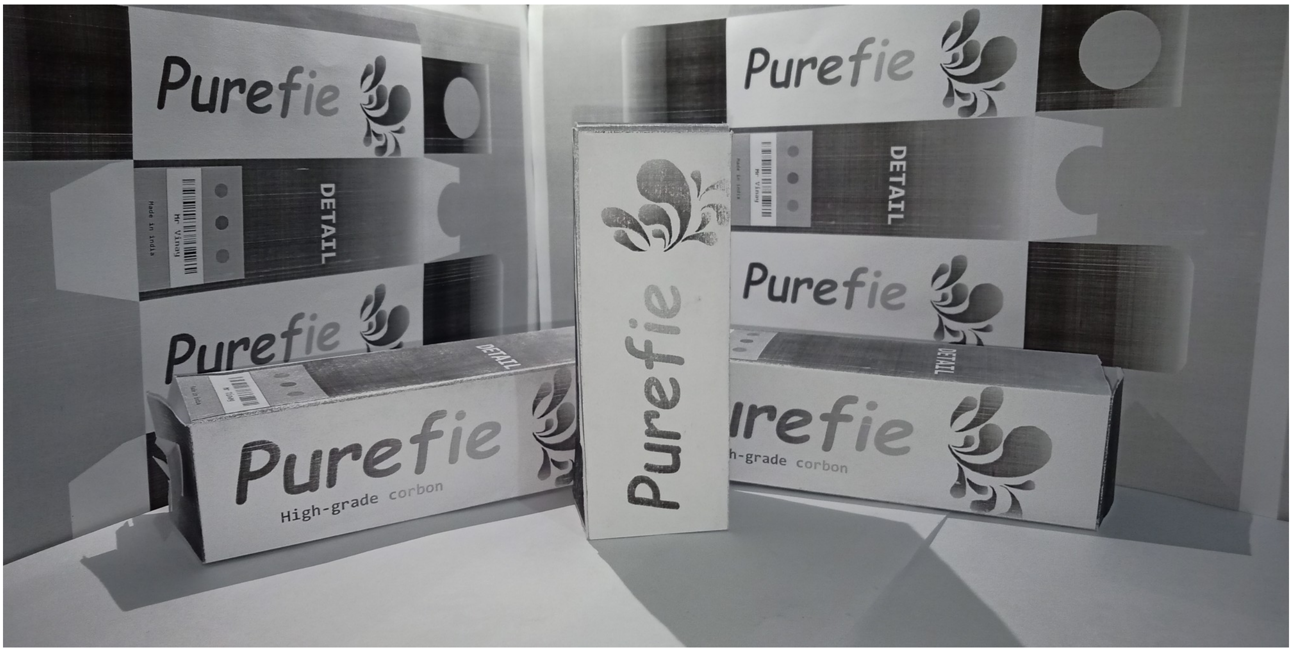

Purefie
DETAIL
Made in India
Purefie
Purefie
High-grade corbon
Purefie
Purefie
DETAIL
Purefie
h-grade corbon
DETAIL

Fig (d)

Purefie
High-grade corbon
DETAIL
Made in india
Mr Vinay

Fig (e)

6.2 Dodecagon Table top calendar

Objective

How to create Dodecagon shaped Table top calendar

Software used GIMP

Tools used

GIMP tools :- Paint brush tool, path tool. One of the ways the mathematical manipulative pattern blocks are used is in creating a number of different dodecagons.

Outcome

Dodecagon shaped calendar is shown in Fig (a) and Fig (b) Fig (c) Fig (d)

Summary : Size A4 Colour mode : CMYK

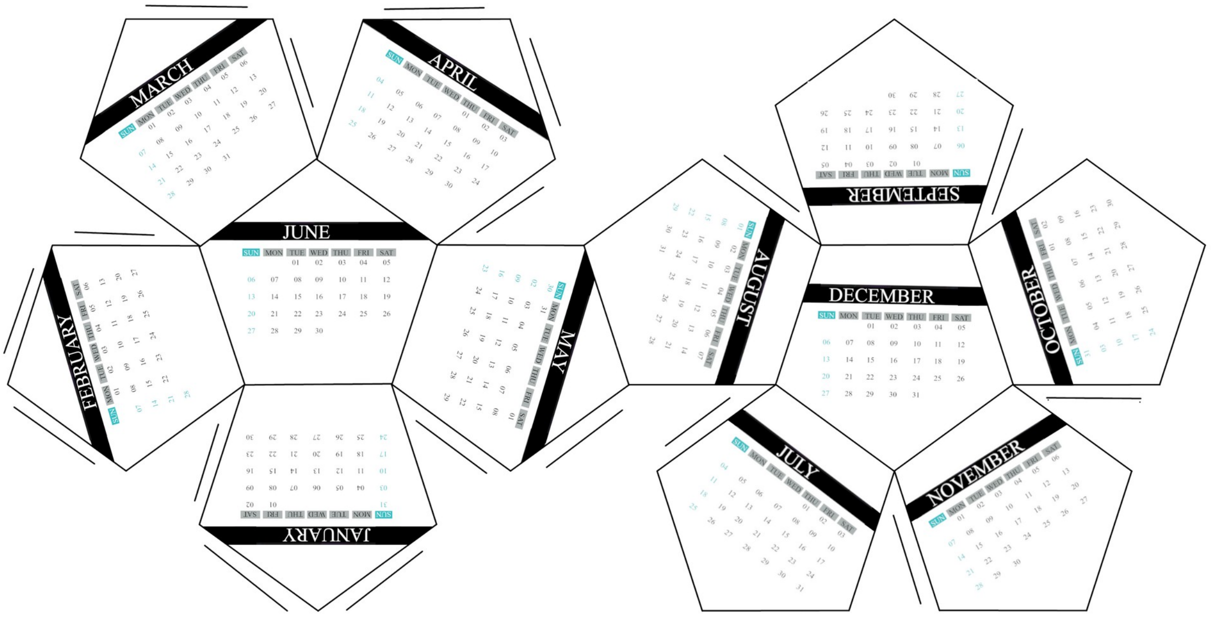

MARCH
APRIL
SEPTEMBER
FEBRUARY
JUNE
MAY
AUGUST
DECEMBER
OCTOBER
JANUARY
JULY
NOVEMBER

Fig (a)

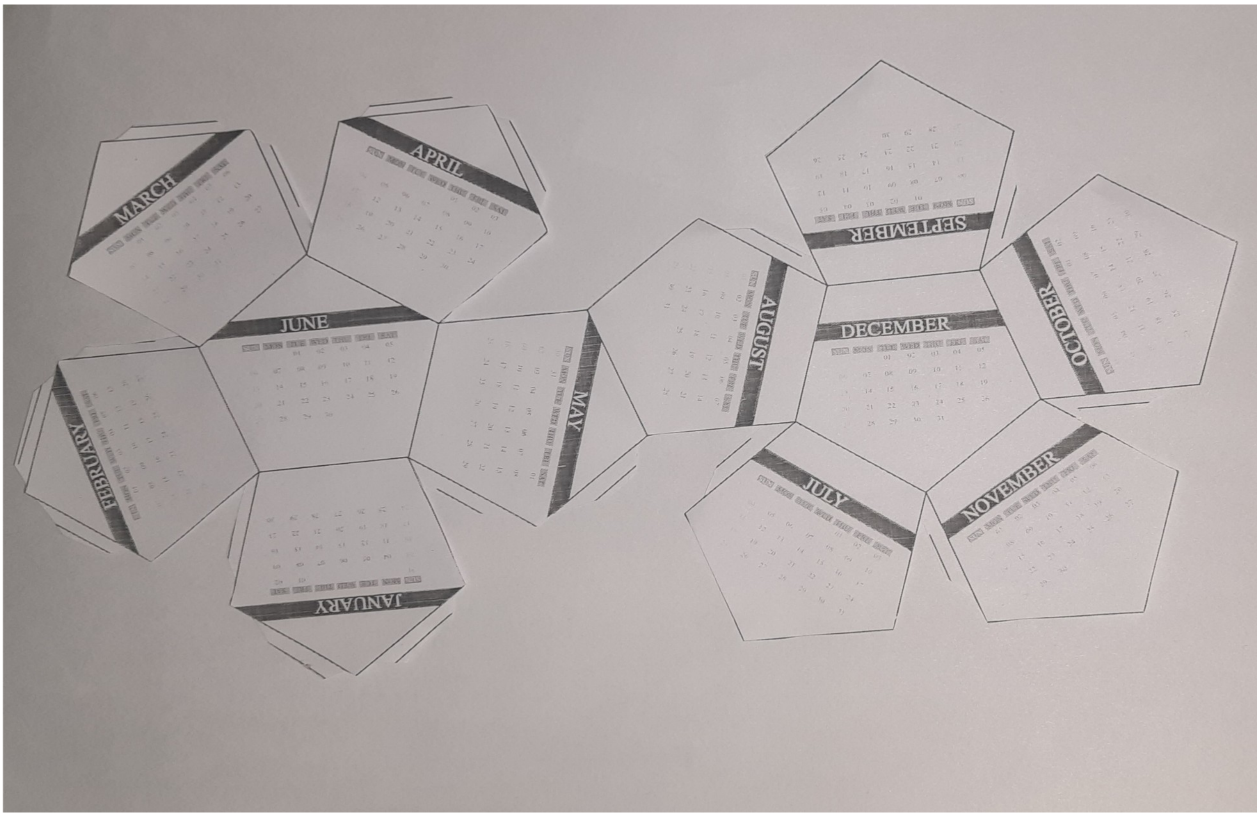

MARCH
APRIL
SEPTEMBER
FEBRUARY
JUNE
MAY
AUGUST
DECEMBER
OCTOBER
JANUARY
JULY
NOVEMBER

Fig (b)

JULY
NOVEMBER
JANUARY

OCTOBER
FEBRUARY
MARCH

Fig (c)

Fig (d)

6.3 Create windmill model Table top calendar

Objective

How to create windmill model Table top calendar

Software used GIMP

Tools used

GIMP tools :- Simply i use scale , rotated rectangle and stick

Outcome

Windmill Calendar is shown in Fig (a) ,Fig (b)Fig (c),Fig (d),Fig (e),Fig (f)

Summary : Size A4 Colour mode : CMYK

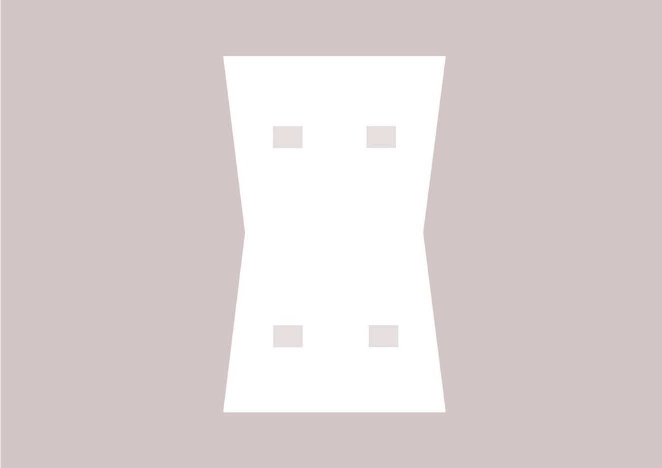


Fig (a)

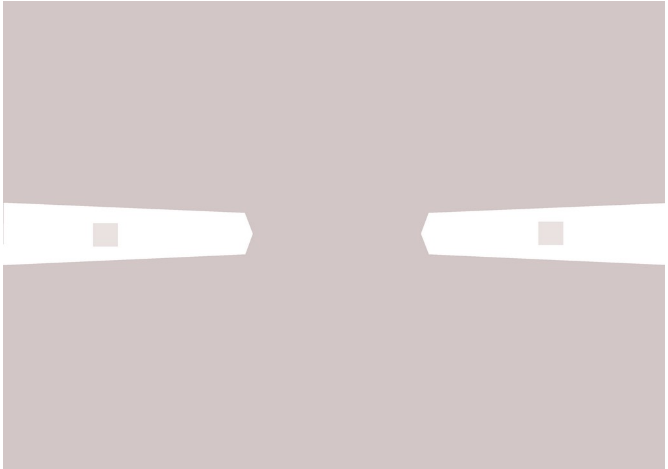


Fig (b)

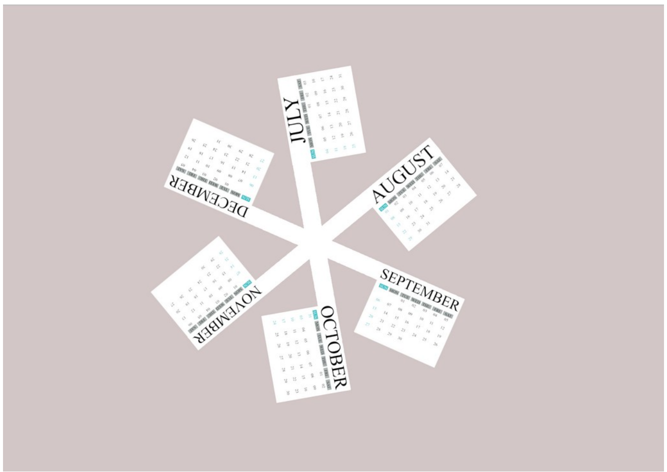
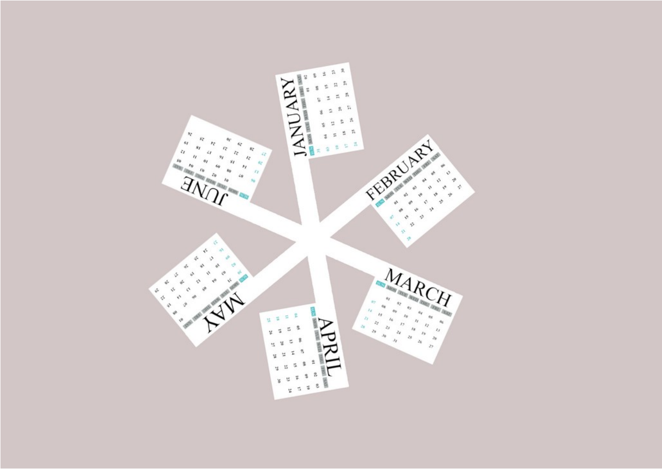

JULY
AUGUST
DECEMBER
SEPTEMBER
NOVEMBER
OCTOBER

Fig (c)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FEBRUARY
JUNE
MARCH
MAY
APRIL

Fig (d)

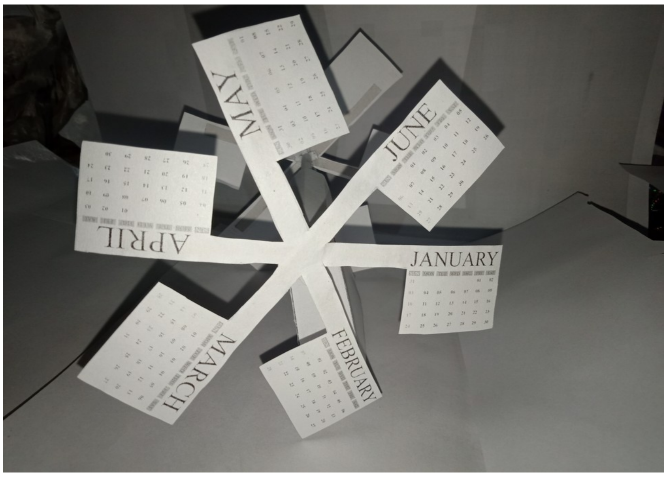
MAY
JUNE
APRIL
JANUARY
MARCH
FEBRUARY

Fig (e)

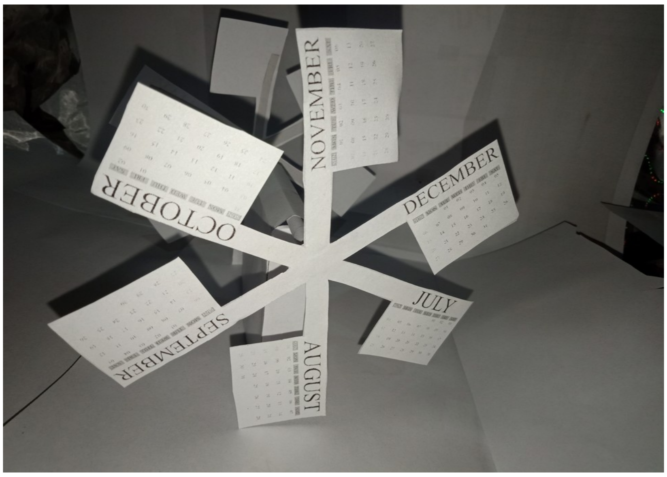
NOVEMBER
OCTOBER
DECEMBER
JULY
SEPTEMBER
AUGUST

Fig (f)

6.4 Glider plane

Objective

How to create Glider paper plane

Software used INKSCAPE

Tools used

INKSCAPE tools :- Draw bezier tool, and edit path by node,for use curve the surface area.

Outcome

Glider paper plane is shown in Fig (a) ,Fig (b) and Fig (c)

Summary : Size A4 Colour mode : CMYK

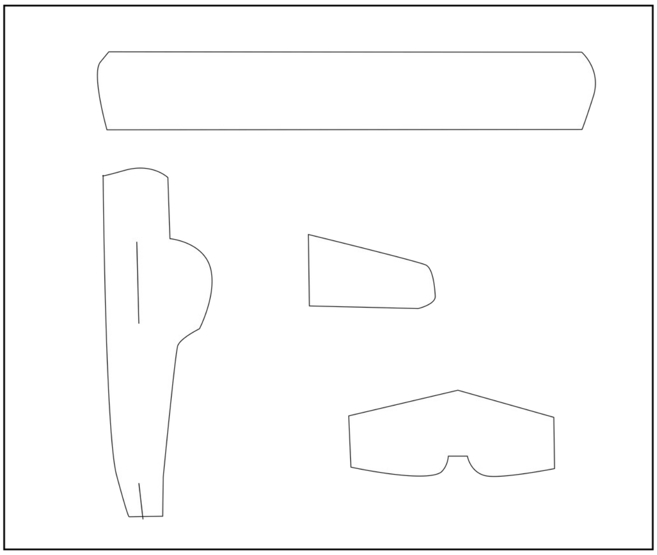

Fig (a)

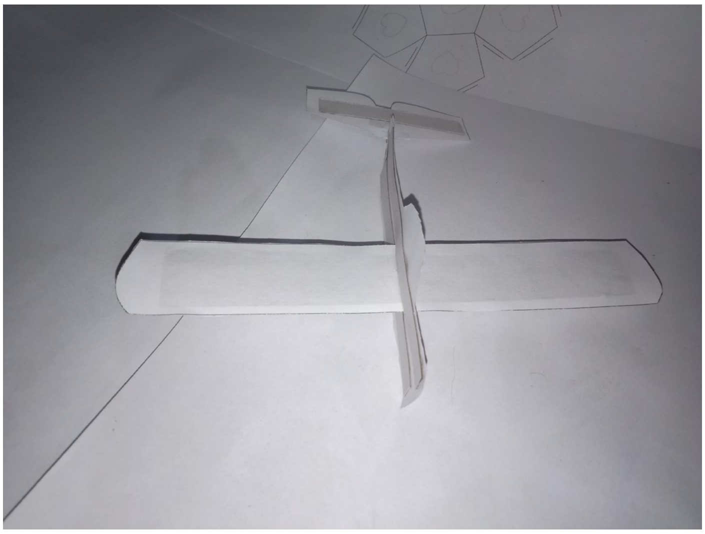

Fig (b)

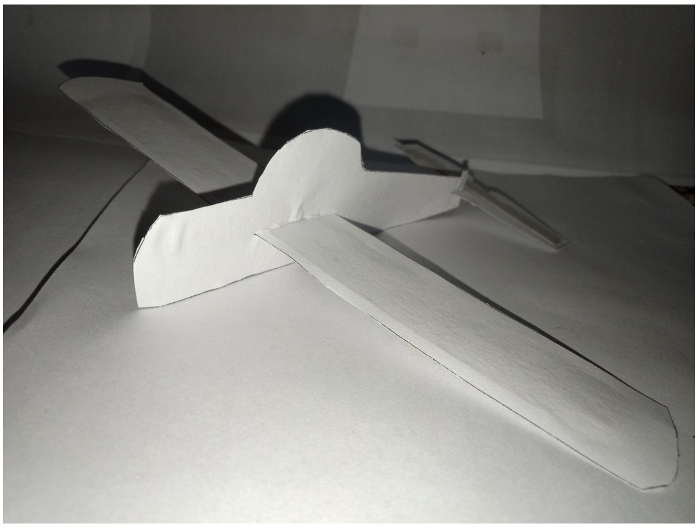

Fig (c)

Reference

The following sources were referred to while working on this project:

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https://www.youtube.com/watch?v=-jRHPTuuWYA

https://www.youtube.com/watch?v=K4gcQ10mOEI

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https://www.uprinting.com/different-calendar-sizes.html

Wikipedia

YouTube

Google

And my friend ADITYA Because of that i know about fossee.