



Portfolio

Mohanraj Kolathapilly

2021



MOHANRAJ KOLATHAPILLY
CREATIVE DESIGNER WITH 18 YEARS EXPERIENCE

SKILLS

Page layout	Expert
Illustration	Expert
Photography	Expert
Photo Editing	Expert
2D Animation	Expert
Video Editing	Good
Audio Editing	Good
Web design	Expert
WordPress	Expert
HTML	Expert
CSS	Expert
JavaScript	Good
SEO	Good
3D Modelling	Good
3D Texturing	Moderate
3D Animation	Moderate

WORK EXPERIENCE

Nov 2019 – Till Date
Manager Creative Services Design, Lilly

Feb 2011 – Sept 2019
Senior Graphic Designer, Novozymes

Aug 2010 - Feb 2011
Senior Software Engineer, Accenture

Dec 2008 - Aug 2010
Lead UI Designer, SparkSupport

June 2007 - Feb 2008
Graphic Designer, India Se Magazine

Nov 2003 - May 2007
Instructional Developer, Vitalect Technologies

SOFTWARE

Adobe Acrobat Pro
Adobe Illustrator 2021
Adobe InDesign 2021
Adobe Photoshop 2021
Adobe Premier Pro 2021
Adobe After Effects 2021
Adobe Dreamweaver 2021

Adobe Captivate
Adobe XD
Sketch
Prism
Sound Forge
Audacity

Sketchup 3D
AutoCAD
3D Studio MAX

Microsoft Office 365
OpenOffice

OS: Windows & Mac

CONTACT

I 372 Sonestaa Meadows,
Thubarahalli, Whitefield
Bangalore 560066

+91 9846437888
mohanraj.k@gmail.com

[linkedin.com/in/mohanrajk](https://www.linkedin.com/in/mohanrajk)

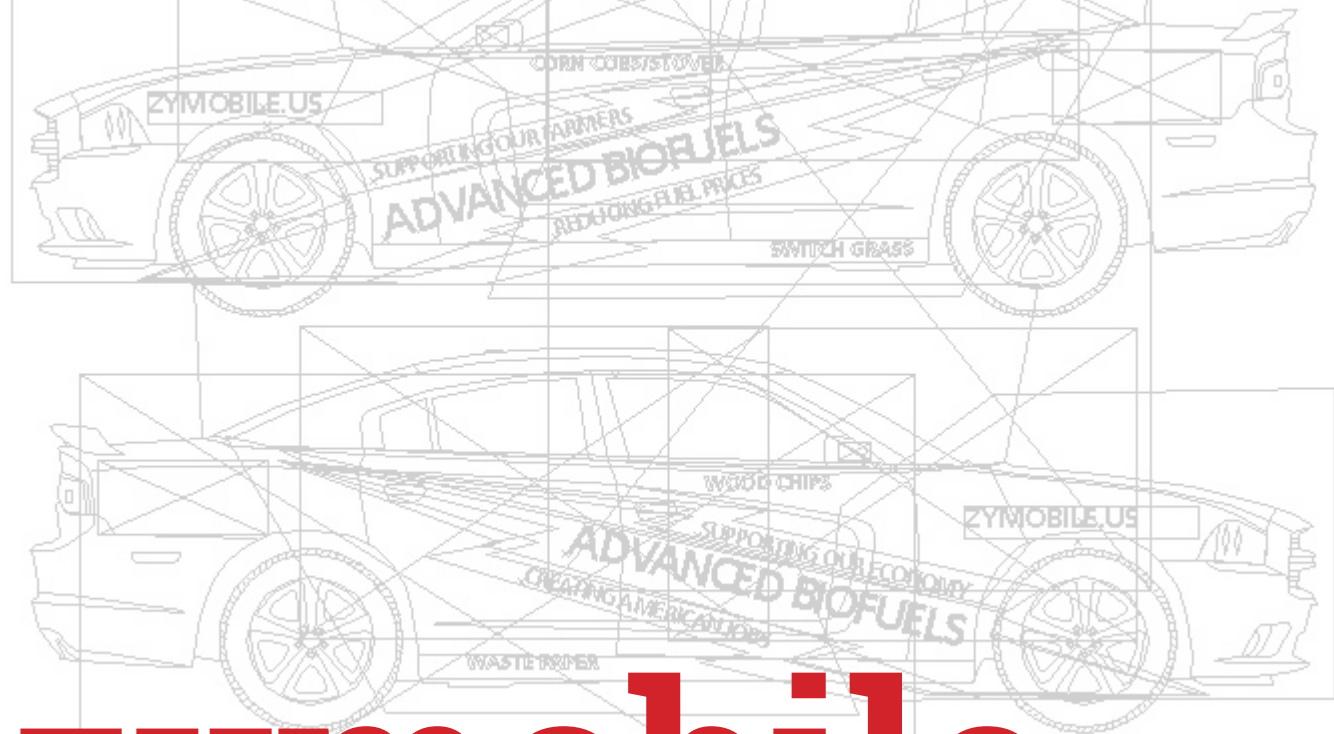
video editing



Video editing task for the food industry in Japan.



Video for the HR department n Diversity in Novozymes



zymobile

Zymobile is Novozymes way of communicating about the science and sustainability of conventional and advanced biofuels—fuel made from clean, renewable plants and waste.

Tools
Photoshop
Illustrator



booth

Exhibition booth designs for various international events like American Cleaning Institute (ACI), Food Ingredients China(FIC), Food Ingredients Europe(FIA), Gulfood, China Cleaning Industry Association (CCIA), International Palm Oil Congress (PIPOC) to

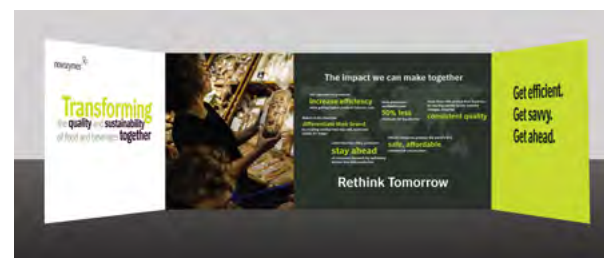


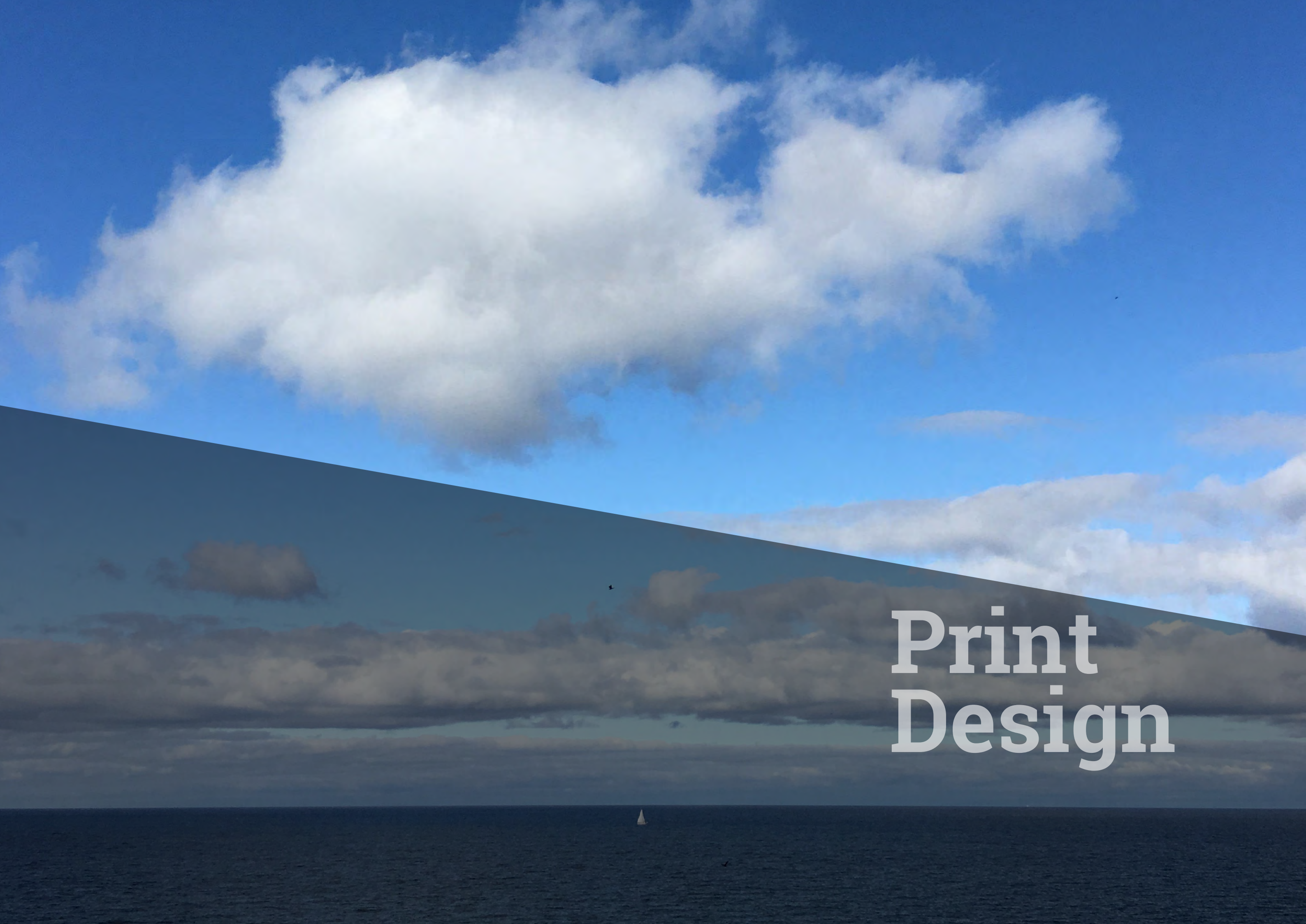
Tools

Sketchup 3D
Photoshop
Illustrator
InDesign

Responsibilities

Create 3D mockup
Artwork design
Create & proof print files





Print Design

Newsletter

inZymers is the annual newsletter of Novozymes. The employee newsletter is an initiative to enhance the flow of inter-departmental communication and employee participation in India.

Tools
Photoshop
InDesign

Responsibilities
Cover photoshoot
Interview photoshoot
Page design & layout
Proofing & Printing

Booklets

Booklets include corporate books & folders such as manuals sales colletrals like benefit sheets and product ranges

Tools
Photoshop
InDesign
Illustrator

Responsibilities
Page design & layout
Graphics charts
Proofing & Printing



Print Magazine designs

Cover design and layout for India Se, a Singapore based Indian lifestyle magazine and 90 minutes, India's first football magazine

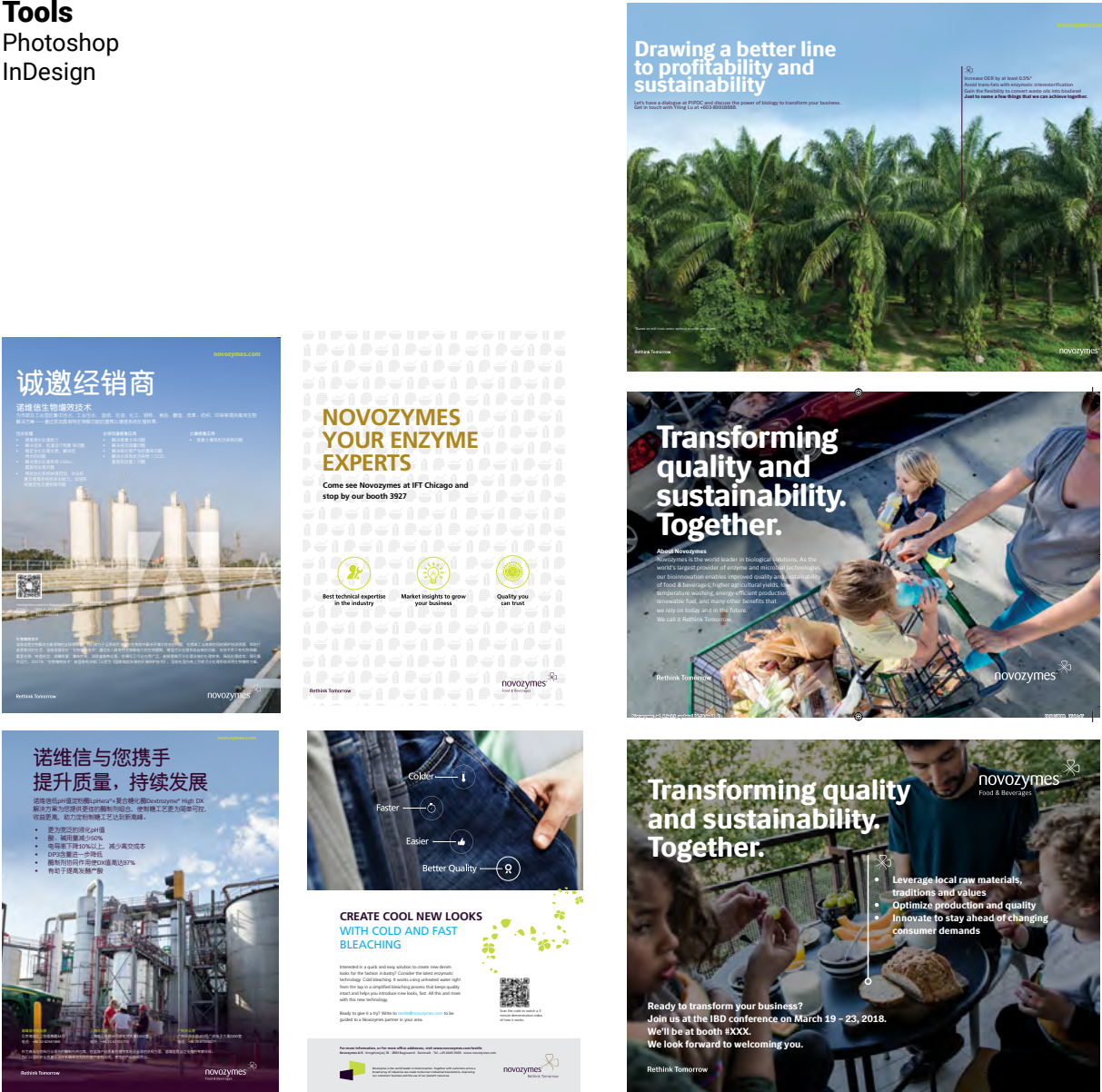
Tools
Photoshop
InDesign
Illustrator

Responsibilities
Cover photoshoot
Interview photoshoot
Page design & layout
Proofing & Printing



Advertisements

Tools
Photoshop
InDesign



Roll up Banners

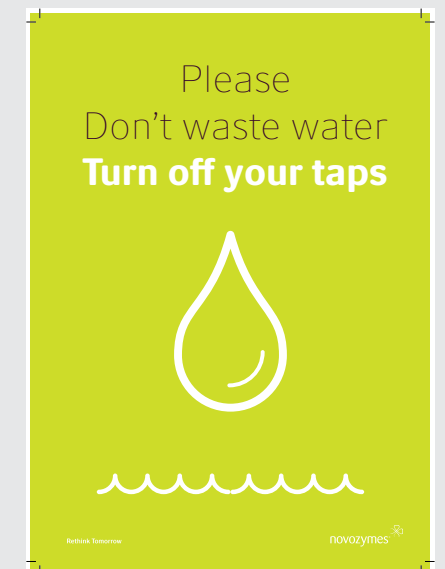
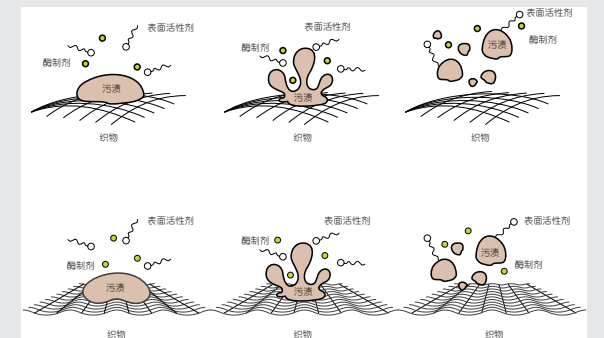
Tools

Photoshop
InDesign
Illustrator

Posters & infographics

Tools

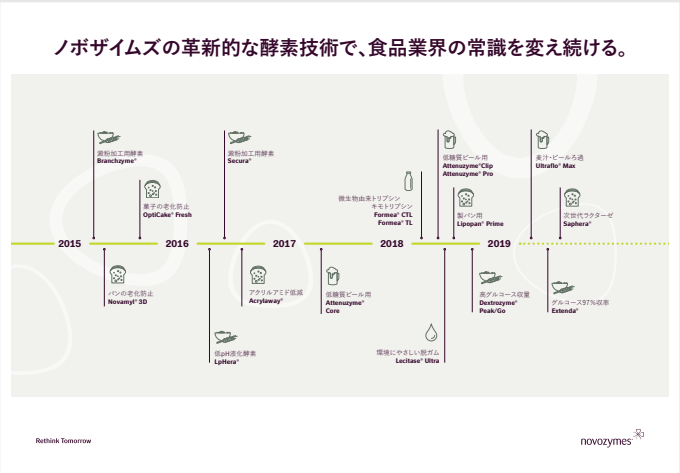
Photoshop
InDesign
Illustrator



Certificates

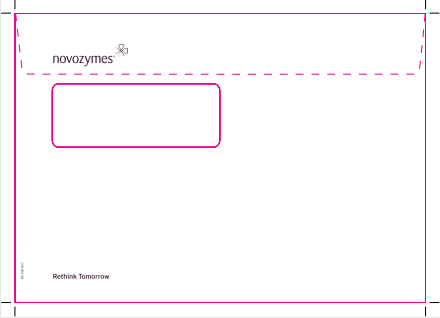


Flyers



Stationary

Bookmarks, envelopes, letterheads, business cards, cd labels, product packaging, badges etc





PowerPoint

54%
of washes in the U.S. are
done at cold settings*

16 billion
washes annually at
cold settings in the U.S.**

**Washing
in U.S.***

Setting	Percentage
Cold	54%
Warm	33%
Hot	14%

* Source: Researcher conducted survey April 2004, 1000 Washers, 9,400 U.S.
** 120,000,000 U.S. Washer Households, 200,000,000 Washes/year, 2000

novovibes

Improved protease for closing the gap in cold wash performance

New Protease effective at two-thirds the dose

- 15% higher performance than current protease at 60°F
- Low temperature performance better than 90°F performance of current protease
- Outperforms current protease at 60°F and 90°F

Protease	90°F	60°F
Protease 1 (1.15%)	~14000	~12000
Protease 2 (1.0%)	~16500	~14500

Wool standards: 100% wool; 100% wool liquid detergent; 2% detergent load, water hardness 100 ppm, 100 min compared to a reference protease control.

novotyres

Consumers choose low temperatures because they want gentle cleaning

78%
of American consumers say
"I wash at low temperatures to keep my clothes looking new"

Consumers' reasons for cold wash**

- 64% "Clothes don't fade"
- 61% "Clothes don't bleed into whites"
- 57% "Clothes do not lose their shape or shrink"

Source: * U.S. Department of Energy, DOE Energy Survey
** ACSI, Consumer Satisfaction Index, 2008-2010. Study: "Cold Water Wash: Washing in Warm Water"

noviorymes

Cold is the new cool

Gentle cleaning and Sustainability

Decreased detergency

Improved performance with engineered enzymes

Stainoly stains:
Amplify® Prime

Protein stains:
Progress® Excel

novolytes

Adjusting chemistry can Impact performance

Short wash cycles
Low temperature
Effective chemistry

Longer wash cycles
Higher temperature
Less effective chemistry

● Chemistry ● Mechanics ● Temperature ● Time

novolytes



Milking opportunities with lactase

FI Asia 2017
September 2017, Bangkok, Thailand

Rohan Bahl
Regional Marketing Manager, Food - APAC

bio2000

bio2000

Enzymes are targeted but diverse

- Cellulase**
For beta-glucan stains & fabric care
- Amylases**
For starch stains
- Proteases**
For protein stains
- Mannanases**
For mannan stains
- Lipases**
For fat and grease stains
- Pectinases**
For pectin stains

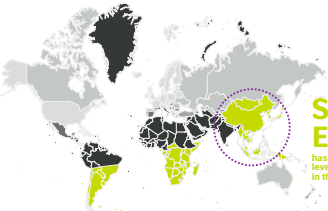
novolytix

Lactose-intolerance is a global consumer trend

Approximately

70%

of the world's population experience some degree of lactose-intolerance



A world map illustrating the global prevalence of lactose intolerance. The map is color-coded according to the percentage of the population affected in each region. A legend in the bottom left corner provides the key: 0-10% (lightest yellow), 10-40% (light yellow), 40-60% (medium yellow), 60-80% (dark yellow), and 80-100% (black). South and East Asia are circled in purple, indicating the highest prevalence (80-100%).

South East Asia
has one of the highest levels of lactose intolerance in the world

novozymes

Enzyme engineering cycle

Wild-type enzyme

Rational design

Selected mutants

Screening of mutants

Mutagenesis

Application testing

novozymes

Benefits of Novozymes Saphera®

Better control of lactose elimination

- easier lactose analysis
- better predictability to reach desired end-point

Cleaner taste


- less off-flavors during shelf life

Improved suitability for fermented dairy products

- optimal solution for yogurt production
- greater freedom to use different yogurt formulations

Better sweetness control in sweetened dairy products

- sweetness enhancement of lactose
- superior sweetness stability during shelf life

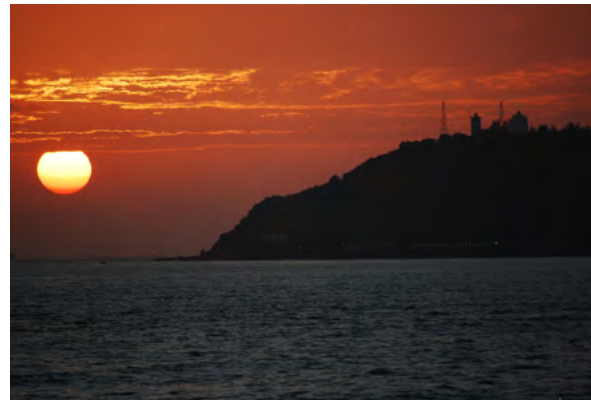


novozymes



Art

Photography



Digital art



Water colour



mohanraj.net

+91 9846437888

mohanraj.k@gmail.com

[linkedin.com/in/mohanraj](https://www.linkedin.com/in/mohanraj)

[flickr.com/mohanraj](https://www.flickr.com/photos/mohanraj)

[instagramm.com/mohan.paints](https://www.instagram.com/mohan.paints)