SINGAPORE
GOOD DESIGN
2019
DIRECTORY

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As a dynamic community of business leaders, practitioners, and academia from diverse backgrounds, the Chamber believes that a pluralistic design approach is the key to gaining a competitive edge in today’s global market.

A champion of applying design in business, DBCS seeks to raise the standard of professional practices and create business opportunities through cross-collaborations in local and international contexts.
PRESIDENT’S MESSAGE

I’d like to congratulate all the 81 Singapore Good Design (SG Mark) winners this year! You have set the bar for the industry with the quality of your award winning projects.

I am pleased to report that SG Mark has registered a steady increase in participation by local and international companies in recent years. This year, in particular, submissions from SMEs and start-ups went up by 10-20%, and entries for the product category more than doubled.

We believe that design does not exist in a vacuum. This is why we have built our campaigns the last two years around our manifesto “Better Business by Design”. Moving forward, we see technology playing a more significant role than ever. The special category of Smart Design in this year’s SG Mark is an extension of 2018’s Smart Nation. For this reason, DBCS is actively engaging with government agencies such as IMDA and GovTech to work together more closely in fulfilling our Mission & Vision.

Join me on the exciting journey of seeing how Design and Technology work hand-in-hand in achieving Business Transformation in Singapore and beyond!

Best regards,
ANDREW PANG
President (2019-2021)
Design Business Chamber Singapore
A benchmark of good design and quality, the SG Mark was launched in 2013, in partnership with the prestigious Japan Good Design Award (G Mark).

The SG Mark seeks to promote and recognise outstanding design projects, which embody quality and user-centred design, that surround us in our everyday lives. The accolade also advocates good design throughout the process of systematic thinking, planning and execution to enhance societies/communities and improve the environment.

Conceived and organised by the Design Business Chamber Singapore (DBCS), the SG Mark receives strong support from the DesignSingapore Council.

In addition to the usual groupings of Life, Industry and Social, this year’s special category is Smart Design. Aligned with Singapore’s mandate of building a Smart Nation, winners in this category demonstrate how the wider community’s life, experiences and processes can be improved by creating new approaches and solutions to tackle existing challenges.

All SG Mark winners automatically advance to the final round of selection for the prestigious G Mark.
SINGAPORE GOOD DESIGN MARK

2019

CATEGORY: LIFE
Project Title
By
Design Company
(Designer)

AWARDED BY
DBCS
Innovative and exceptional designs which spur the imagination and enhance our day-to-day lives.
2019 SG MARK
First Screening Jurors
CHRIS HOSMER
Designer & Entrepreneur
USA

GREG PEARCE
Co-founder and Managing Director of One Space Ltd
HONG KONG

JACKSON TAN
Creative Director, BLACK
SINGAPORE

JAMIE WU
CEO, Blueprint Integrate Strategic Design Consultants
TAIWAN

KIMMING YAP
Managing Director, Creativeans
SINGAPORE

KRISTIN L. WOOD
Professor & Director, SUTD-MIT International Design Centre (IDC)
SINGAPORE
KUAN CHEE YUNG
Senior Vice President (Architecture), CPG Consultants Pte Ltd
SINGAPORE

LAWRENCE CHONG
CEO, Consulus
SINGAPORE

MARCUS LUI
Executive Director, Design Thinking in Action (DTIA)
HONG KONG

MARTIN DUPLANTIER
President, National Council “Architecture et Maitre d’Ouvrage” (AMO)
FRANCE

PETER TAY
Founder, Peter Tay Studio
SINGAPORE

SELWYN LOW
Director, FARM
SINGAPORE
2019 SG MARK
Second Screening Jurors
Gen is a graduate of the Design Products Program, at the Royal College of Art in the UK. After working at the London and Boston offices of IDEO, he established the GEN SUZUKI STUDIO in 2014. In the daily necessities, furniture, and home appliances domains, he creates designs with domestic and international businesses. He is also a part-time lecturer at the Kanazawa College of Art, Tama Art University, and Musashino Art University.

Jacks was trained as an architect and he graduated with a Master’s Degree in Architecture from the National University of Singapore. Subsequently, Jacks practised architecture for seven years in Singapore, Hong Kong and London. In 2004, Jacks joined the founding team of the DesignSingapore Council and helped chart the agency’s vision and mission.
Jacqueline is Deputy Secretary in the Prime Minister’s Office Strategy Group, which leads and organises the Public Service to develop and implement the strategic priorities of the Government. She was previously founding Chief Executive of the Government Technology Agency of Singapore, with key competencies in infocomm technology and engineering. As the Chief Executive of GovTech from October 2016 to May 2018, Jacqueline set the strategic direction for GovTech as the key implementing agency of Singapore’s Smart Nation.

In 1980, Professor Cheng-Neng earned a Master’s Degree in Industrial Design (MID) from the Pratt Institute in New York. He is currently a chair professor and served as the Vice President of Shih-Chien University, Taipei, Taiwan, from 2008 to 2017. With the aim of developing a more advanced design curriculum in Taiwan, he founded the Department of Industrial Design in 1992. He served as its department chair until 1999.

Lillian leads J&J Design and Innovation for Asia Pacific, where her teams investigate and build solutions for better health and wellness. Throughout her career with clients as diverse as Intel and Frank Gehry, Lillian has designed experiences that consider people’s needs in a landscape of fast-moving culture and technology. Ultimately, her multi-disciplinary work and teams strive to uphold J&J’s purpose: “We blend heart, science, and ingenuity to profoundly change the trajectory of health for humanity.”
Lee Siang graduated with honours from the National University of Singapore in 1987 and has practiced as an architect and urban planner. His key projects won both local and international awards and were featured in URA exhibition “20 under 45” in March 2004. He held the position of President of Singapore Institute of Architects from 2007 to 2009. From 2013 to 2017, he was President of Design Business Chamber Singapore and oversaw the launch of Singapore Good Design (SG Mark) in 2014.

As Director of Government Digital Services division, Eyung has been instrumental in shaping the digital service delivery landscape. He envisioned and spearheaded the Digital Experience Design (DXD) Sandbox, to help government agencies in adopting data-driven and design-based approaches in their digital endeavours. Since its inception in October 2015, Eyung and his team have worked on key government projects such as IRAS MyTax Portal, HDB Resale Portal, MSO OneService, Moments of Life and many more.
WHAT IS GOOD DESIGN?

“Combination of a thoughtful WHY and a well-crafted HOW that forms a cohesive WHAT.”
— Marcus Lui

“Good design contributes to the well-being of our society and expands our human potential.”
— Jacks Yeo

“Good Design is inseparable from Emotion.”
— VII Chen

“Good Design can make a difference.”
— Jackson Tan

“Design is a paradox. Innovative solutions here and now often lead to new problems elsewhere later on.”
— Chris Hosmer

“Good design is about generating more than what it is asked to. It is about reading between the lines.”
— Martin Duplantier

“Good design gets the user excited, engaged, inspired, attached, and heightened by the creative product and sets a high standard of aesthetics and quality.”
— Srilalitha Gopalkrishnan

“A good design is fundamentally one that creates new, integrative meaning on functional usability, systematic context and expressive quality.”
— Professor Kuan Cheng-Neng
INDUSTRY

360 Circle by ONG&ONG

COMPANY
Immortal the Design Surion (Stanley Tan)

CLIENT
ONG&ONG Pte Ltd

PROJECT TYPE
Others

ONG&ONG’s 360 Circle sets out the design consultancy’s key achievements in the form of a chic, lifestyle periodical instead of the typical corporate annual report. By avoiding corporate speak to present its information in a relatable manner used by lifestyle publications, it emphasizes the firm’s contemporary, personable approach, and inspires readers by its operations and accomplishments.
A soothing shower used to be impossible if one lived in certain parts of Asia with low water pressure and flow. In comes American Standard’s innovative Genie Hand Shower, which uses pressure-boosting and water-saving technology to ensure a stable, soft spray. A transparent spray face with an openable back allows users to see when maintenance and cleaning is required.
2019
GOLD WINNERS
One of Beijing’s first non-commercial modern farmhouses for urbanites to escape city stress through farm stays, this project was inspired by local stone architecture dating back to the Ming and Qing dynasties. Tapping on local resources and craftsmen, this project transformed once-abandoned fruit orchards and inaccessible gardens into a rejuvenating getaway for families and friends to bond.
In Diageo’s new office, employees no longer have assigned desks. Instead, they can choose where and how they want to work, depending on their daily tasks. By blurring the lines between retail, hospitality, workplace and home, the lifestyle and consumer company brought its many brands together to build meaningful connections between its customers, brands, and its own people.
This project democratises 3D printing by allowing printers to be operated directly by designers, engineers or architects. Designed to be a complete automated system that pushes the boundaries by making 3D printing more efficient, anyone can walk up to and operate these printers without requiring prior training, thus giving creators the capability to produce fully-functioning prototypes onsite.
Travelling can be a stressful experience, especially with disruptions. With more timely information, faster flight rearrangement, and giving affected passengers the ability to accept or rebook their new flights through this new programme, passengers gain more certainty and control. Airline staff would also benefit by having to do less manual work, and can better focus on customer service.
2019
SPECIAL MENTIONS
Honk! is a mobile application that proves traditional karung guni (rag-and-bone) trade and modern technology can converge. Named after the iconic handheld honk used by traders to alert residents of their presence, the app connects households directly with traders through their smartphones to deal in the sale and collection of second-hand goods or recyclable waste.
This 3-storey development with a retail showcase, incubation spaces and rooftop events area is a multi-agency effort by JTC, Enterprise Singapore and the Singapore Tourism Board to nurture home-grown brands and profile emerging local design talents. The project epitomises the spirit of design innovation and collaboration aimed at growing and increasing consumer exposure to authentic Singapore design.
Worn by school children as a watch with contactless payment capabilities, the POSB Smart Buddy helps to develop sensible saving and spending habits among the young in an interactive and engaging manner. Parents can remotely manage and monitor their children’s spending and savings, and children learn to embrace digital banking, which is in line with Singapore’s Smart Nation agenda.
SMART DESIGN

Transformation of Service Experience at the CPF Bishan Service Centre

A friendly customer service executive greets every elderly Singaporean at the door, before guiding them to the queue ticketing system and colour-coded service zones. The revamped service experience at the CPF Board’s Bishan Service Centre to serve its mostly elderly customers successfully integrated digital technologies with face-to-face service, achieving an unprecedented high of 99% for its customer satisfaction rate.

DESIGNER
D’Perception Singapore Private Limited (Alton Chui)

CLIENT
Central Provident Fund Board

PROJECT TYPE
Experience Design

A warm human presence at the beginning of every customer journey

Use of greenery to improve air quality

2019 SG MARK SPECIAL MENTIONS | 37
2019
SG MARK WINNERS
This hot desk represents a groundbreaking milestone in 3D metal printing. The tabletop is an equilateral triangle of 3m length per side with symmetrically sloping edges. Supporting it is a very thin steel structure made of a thin and dense web, which flows into three slender legs, each touching the ground on a point the size of a five-cent coin.

DESIGNER
Airlab @SUTD (Carlos Banon and Felix Raspall)

CLIENT
SUTD Digital Manufacturing and Design and (DManD) Centre

PROJECT TYPE
Product

BELLE TREE Goko-dori

DESIGNER
landsat inc. (Toshihiro Yasuda)

CLIENT
Daiwa Senpaku Tochi Co.,Ltd.

PROJECT TYPE
Architecture

PROJECT LOCATION
Kobe, Japan

This project is a nine-storey commercial and residential complex located near the Sannomiya station in the historic port city of Kobe, Japan. The one-room layout without partitions in each unit allows occupants to use the space freely. Parts of the exterior, made of a specially-designed sash-like material, give the building a look reminiscent of paper walls in traditional Japanese homes.
**BeyondPak**

**DESIGNER**
ONG&ONG Pte Ltd (Liang Lit How)

**PROJECT TYPE**
Product

BeyondPak is a modular bag system that empowers users to draw from a library of modular parts to customise, create and re-create their own unique bags for every occasion. Such a system represents the future where design is democratised and accessible to everyone. By encouraging consumers to reuse and buy less, BeyondPak is doing its bit for the environment too.

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**Childlike Purity**

**DESIGNER**
Ideas Design (Chen Jia-Ru)

**PROJECT LOCATION**
Taoyuan City, Taiwan

**PROJECT TYPE**
Interior Design

This interior design project for a two-storey commercial space enlivens it through the use of a light colour palette and child-like decorative elements such as a swing chair and bunny-shaped lamps. The first storey — modelled to resemble a home with a kitchen, living and dining rooms — acts as a display space, whereas the second storey houses the office.
City Vanity Set

DESIGNER
American Standard In-house Design Team

PROJECT TYPE
Product

This combination of basin, vanity, water outlet and mirror cabinet provides flexible usage with maximum storage. Consumers can choose different sizes, configurations, materials and finishes to create a multipurpose bathroom system that fits their aspirations and lifestyle. City addresses real-life issues and improves living experiences by anticipating a social trend and bringing a relevant solution to the market.

Dell G7 15 Gaming Laptop

DESIGNER
Dell Experience Design Group

PROJECT TYPE
Product

This thin gaming laptop comes with NVIDIA GTX visuals and game-ready features, such as four-zone RGB keyboard and game-optimised audio controls. Users can customise usage based on their preferences: quiet, ultra-performance, cool, and optimised modes. Not only can users tailor the hardware for each game played, but the look and feel of the software can be also personalised.
Dell pushed the limits of display technology to deliver the world’s first 49-inch curved dual QHD monitor with enhanced performance and productivity. Two different PCs can be connected to the monitor simultaneously. With just one keyboard and mouse, users can toggle and multitask between the different content. Its auto-restore feature tracks and remembers application windows’ positions for greater productivity.

Besides coming in two new colour offerings — rose-gold and platinum-silver — Dell’s new XPS 13 retains its position as the world’s smallest 13-inch laptop with a battery life of up to 19 hours and 46 minutes, and the ability to multitask even on intense applications. This laptop can function as a work device and also express the user’s unique personality.
The DigiSAFE DiskCrypt M10 is the world’s first ultra-slim encrypted data storage with two-factor authentication smartcard protection. The credit card-sized device breaks the mould of a typical thumb drive, and requires two-factor authentication to access the data. Even if misplaced, the data stored on the device would not be compromised due to the sophisticated military-grade encryption technology.

Tap water contamination can be easily eradicated with the EcoSphere Water Purifier which simplifies design via an innovative all-in-one concept. Four ultra-purification stages are housed in a single device, which offers consumers clean, safe drinking water with hassle-free installation. When used by a family of four, the cartridge needs to be replaced only once a year.
**LIFE**

Enpii Vacuum Bottle

**DESIGNER**
Guangzhou Boii Houseware Co., Ltd. (Kinda Kao)

**PROJECT TYPE**
Product

Inspired by how hexagon-shaped pencils are easier to use, this colourful and hexagonal vacuum bottle is designed to fit comfortably into the average backpack and appeal to youths. A capsule-filter embedded into its cap lets users make tea whenever they want by simply adding tea leaves to it. Over 100,000 bottles have been sold in one year.

**LIFE**

Generic Dwelling Templates for Future Urban Habitation

**DESIGNER**
SUTD-MIT International Design Centre (Oliver Heckmann, Michael Budig, Ng Qi Boon Amanda)

**PROJECT TYPE**
Architecture

With shifting demographics, this set of templates allows developers to build homes that can easily adapt to changing societal needs. The deliberately generic and open-ended dwelling models can accommodate diverse user needs already present during the housing project launch, thus giving developers the ability to make numerous adaptations with minimal changes of the hardware.
Hegen PCTO™ Electric Breast Pump

**DESIGNER**
Hegen Pte Ltd (Yvon Bock)

**PROJECT TYPE**
Product

The Hegen PCTO™ Electric Breast Pump is the latest ground-breaking product in this Singapore brand’s ecosystem that complements its bestselling manual breast pump, storage containers and feeding bottle. Weighing 230g, it is one of the lightest in the market. It converts easily into a manual pump, and can also double up as a massager with its patent-pending relaxation kneading feature.

Huro Probiotics Branding Project

**DESIGNER**
NDH Consulting

**CLIENT**
PAN FOOD

**PROJECT TYPE**
Branding

This branding project for a probiotic gummy brand for children in Vietnam has helped to raise greater awareness of the benefits of healthy eating through consumption of science-based ingredients such as probiotics. In Vietnam where many mothers are stressed over their children’s height and weight development, the gummy has become a safe, nutritious snack which kids love and mothers trust.
Joie – Flexible Furniture for Public to Private Spaces

**DESIGNER**
Benel Singapore Pte Ltd

**PROJECT TYPE**
Product

Furniture manufacturer, Benel, believes its job is to provide everyone with a workplace that feels as comforting as home. Made up of a system of modular parts, its flexible furniture, Joie, is aimed at helping businesses create flexible and scalable spaces. Joie can be easily assembled to form a wide range of configurations and disassembled for easy recycling.

Nest

**DESIGNER**
Scanteak x Nanyang Academy of Fine Arts (Phebe Christine, Kim Jun Won, Min Hur)

**PROJECT TYPE**
Experience Design

This furniture collection was created by budding young designers from Nanyang Academy of Fine Arts, in collaboration with Scanteak. It aims to solve the problem of today’s shrinking home spaces by providing products with multi-functional uses. The Teak-tok Side Table, for example, can act as a side table or even as a book rack when flipped around.
Believing that designing great experiences cannot be the job of one department, OCBC put over 200 business heads and IT managers through an intensive bootcamp in 2018 to equip them to innovate based on deep empathy towards people. Now, many business units are able to improve the effectiveness of their decision-making processes by placing human needs close to heart.

The designers set out to make an extremely slender platform with full geometric continuity by melding dissimilar materials and advanced fabrication processes. Fabricated using two avant-garde technologies of thermo-forming and 3D-printing, this product embodies a new notion of elegance where material thickness is reduced to a minimum without compromising functionality. It can be used as a display platform or table.
In planning residential complex One Park Taipei’s interior, the designer highlighted the abundant sensory experiences through material manipulation. Artwork in the form of glittery balls simulating orbiting globes hang from the ceiling over an elegant courtyard. The style, based on eastern and western elements, aims to imbue a sense of living in an exclusive luxurious grand mansion.

This interior design seamlessly blended the style preferences of the owners — Japanese design and Scandinavian style — to create a simple yet harmonious home. A similar colour tone, derived from natural elements and different shades of grey, is used throughout the house to unify the overall design and keep elements of each room strongly connected.
**LIFE**

**Pigeon GoMini Electric Breast Pump**

**DESIGNER**
Pigeon Singapore Pte Ltd, in collaboration with Orcadesign Consultants Pte Ltd

**PROJECT TYPE**
Product

The Pigeon GoMini Electric Breast Pump is a compact, lightweight, portable and sophisticated milk-expressing device tailored for modern breastfeeding mothers. The pump unit with multiple adjustable settings is designed to enhance mothers’ milk expressing experience, grounded on an empathic understanding of today’s mums’ dynamic lifestyles and efforts to balance work, family and personal lives.

**LIFE**

**PS Skin**

**DESIGNER**
Immortal the Design Station (Stanley Tan)

**PROJECT TYPE**
Branding

The molecular-inspired logotype, visual graphic and colourway system was created to complement the elegant brown-hue bottles and dispensers of this multi-product skincare range. The products, made from natural and plant-based ingredients which have proven clinical and scientific evidence of efficacy, provide regular skincare and treatment regimens. The branding conveys its simplicity in application and its dermatologist-formulated origins.
The Loft House shows that traditional forms can be reinterpreted to achieve progress in architecture. Retaining the typical pitched roof of a tropical house, the designers shielded the property from the sun’s heat while giving visual access to its natural surroundings. Through liberal use of glass — including a skylight — the semi-detached house was brightened by the infusion of natural light.

DESIGNER
TA.LE ARCHITECTS

PROJECT TYPE
Architecture

The Zen Garden Series is a fusion of tea ceremony and Japanese Zen garden culture. Featuring black ceramic tea cups designed to resemble a miniature landscape of stacking Zen stones, this black-and-white tea set imbues the tea tradition with a new, modern interpretation that it is not just about taste but also all the five senses.

DESIGNER
Guangzhou Bujuetang Co., Ltd. (KindaKao)

PROJECT TYPE
Product


**LIFE**

**Toomato Italian Kitchen**

**DESIGNER**
Immortal the Design Station (Stanley Tan)

**CLIENT**
Hot Pot PLC

**PROJECT LOCATION**
Bangkok, Thailand

**PROJECT TYPE**
Branding

This project involves the conceptualisation of the visual brand identity, name, applications as well as the planning and design of a casual dining concept in Bangkok, Thailand. The name Toomato, a play on tomato, evokes the humble and unassuming domesticity of an Italian kitchen. Fun and trendy font and imagery proclaim the restaurant’s sustainable and transparent practices in an eye-catching way.

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**LIFE**

**Trentios IntelliHeat**

**DESIGNER**
Trends Home Electrical Pte. Ltd. (Joel Ho)

**PROJECT LOCATION**

**PROJECT TYPE**
Product

Empowering consumers to conserve water, Trentios IntelliHeat is the world’s first instant water heater that enables users, in real-time, to monitor the amount of water they use for showers. Designed to track water and electricity usage on a per-shower basis and accumulatively, as well as show water temperature, users can set their water limit alerts via an interactive touchscreen.
Tapping on the latest audio and wireless technologies, TGI incorporated the best elements of traditional hi-fi sets and portable speakers to produce the ultra-lightweight EUPHO E3 series Bluetooth speakers. With a patent-pending unibody design and an inbuilt high capacity battery, these speakers can deliver great music everywhere and anywhere — affordably.

Made from natural agricultural straw with no formaldehyde additives, this personal muscle-care device combines modern health concepts with technological innovation in renewable materials to combat global warming. Apart from relieving aches and strengthening lower limb muscles, the XTD XstrawDinary Calf Stretcher can also serve as a piece of decoration for one’s home or workplace.
LIFE
Y`s House Zensyoji - 12

DESIGNER
landsat-inc. (Toshihiro Yasuda)

CLIENT
Daiwa Senpaku Tochi Co., Ltd.

PROJECT TYPE
Architecture

PROJECT LOCATION
Kobe, Japan

When designing a new rental housing complex in a quiet residential area on the outskirts of Kobe, Japan, instead of maximising the building-to-land ratio, the designer opted to create a large external space incorporating a shared terrace and alley space. The goal is to help the four families foster a sense of community and neighbourliness through this common space.

LIFE
ZeroRim Water Closet

DESIGNER
Rigel Technology (S) Pte Ltd (R&D Team)

PROJECT TYPE
Product

PROJECT LOCATION
Kobe, Japan

An upgrade from the rimless water closet, the elimination of the ceramic ledge around the interior of the toilet bowl makes it effortless to clean, and leaves no room for dirt to accumulate nor germs and bacteria to grow. Such a design when combined with the company’s patented WhirlWash flushing technology pushes up the bar for the ideal water closet.
Bedok Public Library

INDUSTRY

Relocated to an adjacent building called Heartbeat@Bedok, a new integrated civic complex for the mature residential estate, the new Bedok Public Library is a test-bed for ageing-in-place. Besides elderly-friendly design features such as abundant handrails, the library also caters to the younger generation with child-height shelves and soft and non-slip carpets for the toddlers.

CRoW: Compact Rotating Wing

INDUSTRY

Monocopters are a class of bio-inspired rotocrafts. CRoW is a collapsible and foldable variant of a monocopter which can be stored or transported in small spaces such as clothes pockets. Due to its compact nature, CRoW can be carried by emergency and rescue personnel to be deployed as a beacon or flare, or provide visual information where needed.
This architecture kit-of-parts allows users to imagine, configure and construct their own buildings using modular structures such as seats, steps and roof. Its Xstrawdinary™ straw panels are made of renewable forestry waste that emits less carbon footprints. As they build together, users can develop greater empathy for one another, their collective communities and the wider eco-system.

**PROJECT LOCATION**
**Singapore**

**DESIGNER**
School of Design
Nanyang Polytechnic
(Do Agency)

**CLIENT**
RenewMaterial

**PROJECT TYPE**
Architecture

**INDUSTRY**
CarbonQuad

**DESIGNER**
Bekind Solutions Pte Ltd (Tan Lee Tuan)

**CLIENT**
agegracefullyshop

**PROJECT TYPE**
Product

Designed with thoughtful features like an LED light to illuminate passageways, a digital radio and MP3 player for entertainment, and an auto-fall alarm to attract attention during emergencies, this walking aid is aimed at encouraging the elderly to have a more engaging and active social life. Its height-adjustable carbon fibre frame makes it lightweight and more effortless to use.
As Singapore’s first arts-themed preschool, the NAFA Arts Preschool’s curriculum inspires learning and growth through the arts. The fine arts programme is interwoven into academic learning, training children to be disciplined, meticulous and observant. The arts also cultivates self-awareness, eloquence in self-expression, critical and divergent thinking, which help children better understand and use communication skills, mathematical, science, and literacy concepts.

The Family Business Network marked its 10th anniversary in 2018 by commissioning a commemorative book that highlighted all its accomplishments. Inspired by Antoine de Saint-Exupéry’s The Little Prince, the publication features whimsical illustrations communicating ten traits that mark a good family business, with an ultimate goal of creating a better world for the business and wider community.
The designer used fluid lines to evoke the spirit of naval navigation and commemorate the original industry leader, Tianjin Shipyard, that formerly occupied the site. This winning project spans architectural, landscape and interior design work. From afar, the building silhouette resembles a ship sailing the high seas, while the interior imparts the feeling of being in a ship.

In 2018, OCBC’s Experience Design team redesigned the Human Resources department’s office, a space in which close to a thousand job interviews are conducted each month. Creating a sleek and warm interior that is professional yet elegant and inviting using natural light and clever choice of furniture, the team sought to give potential hires the best first impression.
**INDUSTRY**

**Oriental Garden**

**DESIGNER**
Kris Lin International Design (Kris Lin)

**CLIENT**
Pearl River Enterprises Group

**PROJECT TYPE**
Interior Design

**PROJECT LOCATION**
Shanghai, China

This is an interior design project for a two-storey building in Shanghai, China, near the Bund, Lujiazui and the North Bund. Inspired by two nearby parks, the designers applied the oriental garden concept with elements such as the bridge and waterfall to give visitors a sense of wandering in a park even when indoors.

**INDUSTRY**

**Peace Palace**

**DESIGNER**
Yuan Lih Construction Co., Ltd (Lorenzo Tondelli)

**PROJECT LOCATION**
Taipei, Taiwan

**PROJECT TYPE**
Architecture

Italian spatial design architect Lorenzo Tondelli took three years to create this luxurious residential development in Taipei. Done in true bespoke fashion, all construction materials and furniture are customised merging eastern and western craftsmanship, and shipped from Italy. Its 18m-high hall surrounded by six grand white marble columns and decorated with bird-like chandeliers is as majestic as a Greek shrine.
SAW: Samara Autorotating Wings

**INDUSTRY**

**SAW: Samara Autorotating Wings**

**DESIGNER**

Singapore University of Technology & Design (Foong Shaohui, Soh Gim Song, Shane Kyi Hla Win, Luke Thura Soe Win and Danial Sufiyan bin Shaiful)

**PROJECT TYPE**

Product

This device, inspired by maple seeds, is designed to free-fall from an aircraft or Unmanned Aerial Vehicle and steer itself towards a target destination, while carrying a small payload. It is ideal for surveillance missions and data collection operations. In disasters like oil spills and forest fires, it can be deployed to monitor the situation or deliver emergency medical supplies.

Shanghai BFC Bona Cinema

**INDUSTRY**

Shanghai BFC Bona Cinema

**DESIGNER**

One Plus Partnership Limited (Ajax Law & Virginia Lung)

**CLIENT**

Bona International Cineplex Investment and Management Co., Ltd

**PROJECT TYPE**

Interior Design

For this cinema housed in a cultural centre designed by Thomas Heatherwick and Norman Foster, the designers drew inspiration from traditional European architecture. The bold use of the orange-brown Rojo Alicante marble all over the ceiling, walls and floor, contrasted against the 3D rectangular metal installations hanging from the undulating ceiling, creates an elegant and timeless effect.
UX Design for HP Jet Fusion 3D Printers

**DESIGNER**
HP Global Experience Design Team

**CLIENT**
HP Inc.

**PROJECT TYPE**
Experience Design

3D printing is a very complex process, so in designing a new 3D printer system, HP focused on creating a user experience (UX) centred around ease of use. With this, an operator can easily activate the 3D printer while being guided by an 8-inch colour touch display with animated step-by-step tutorials and LED wayfinding indicators located throughout the machine.

Woobi Play

**DESIGNER**
Airmotion Laboratories Pte Ltd (Bibi Ho)

**PROJECT TYPE**
Product

Targeted at reducing the ill effects of air pollution, this face mask is designed for children aged six and above. The mask comes disassembled with an educational instruction manual. Its modular system encourages kids and parents to put the parts together to build the finished product, and helps them to understand the product’s functionality and introduces a dialogue on air pollution.
**INDUSTRY**

**Wuhan Panlong Plaza Yinxing Cinema**

**DESIGNER**  
One Plus Partnership Limited (Ajax Law & Virginia Lung)

**CLIENT**  
Hubei Xiang Sheng & Insun Entertainment Co., Ltd.

**PROJECT TYPE**  
Interior Design

Wuhan Panlong Plaza Yinxing Cinema applies the theory of projection as the theme, bringing the movie element to the entire space. By imagining the space as a cubic volume and applying subtraction concept to shape the space, the ensuing design is one that is irregular. This cinema gives people an architectural vibe with a strong contrast between shadow and light.

**INDUSTRY**

**Shenzhen Cine Sky Cinema**

**DESIGNER**  
One Plus Partnership Limited (Ajax Law & Virginia Lung)

**CLIENT**  
Cinemapro Ltd

**PROJECT TYPE**  
Interior Design

This design concept is based on recreating a virtual world of architecture and bringing to life the power of illusions. Using horizontal and vertical lines suspended from the cinema’s lobby, the designers create an illusion of buildings hanging overhead. As one walks across the lobby to the other side, the intersecting grid lines offer different perspectives.
**Xiangyang Fanyue Mall International Cinema**

**DESIGNER**  
One Plus Partnership Limited (Ajax Law & Virginia Lung)

**CLIENT**  
Hubei Xiang Sheng & Insun Entertainment Co., Ltd.

**PROJECT TYPE**  
Interior Design

This concession and box office space goes against the usual practice of cinemas showing trailers of movies with many screens at their lobbies. Here, small television sets placed at the end of rectangular columns that criss-cross one another in the lobby ceiling provide an enticing space for moviegoers to gather around and admire the unusual design.

**360 Circle by ONG&ONG**

**DESIGNER**  
Imortal the Design Station (Stanley Tan)

**CLIENT**  
ONG&ONG Pte Ltd

**PROJECT TYPE**  
Branding

ONG&ONG’s 360 Circle sets out the design consultancy’s key achievements in the form of a chic, lifestyle periodical instead of the typical corporate annual report. By avoiding corporate speak to present its information in a relatable manner used by lifestyle publications, it emblazons the firm’s contemporary, personable approach, and inspires readers by its operations and accomplishments.
INDUSTRY

MGC Foundation Flashcards

DESIGNER
My Greatest Child
(Adelene Teo)

PROJECT TYPE
Product

This range of flashcards, with eight titles available, is aimed at helping children aged zero to six acquire and understand new information, and improve their memory. Each set of 55 double-sided cards is printed in bright colours to catch children’s attention and with clear font for easy reading. The designer aims to create up to fifty titles in the future.

SOCIAL

A Conducive Home

DESIGNER
Renaissance Planners & Designers Pte Ltd
(Kelvin Bing)

PROJECT TYPE
Architecture

The open layout of this three-storey house prioritises climate responsiveness to create a comfortable environment for its residents. It promotes better cross ventilation and heat dispersal within the home with the use of architectural elements such as screens, air wells, large openings and water features. At the same time, residents are able to transform the space to meet their changing needs.
Singapore’s tallest customised vertical net playground located at Changi Terminal 4’s transit area has redefined the airport transit experience. The five-storey structure is made with ten kilometres of rope and supported by fifteen tonnes of steel. Up to fifty adults and children can climb, jump on, and slide down the structure designed for children aged six to twelve.

Civil Service College at Jurong Town Hall

D’Perception Singapore was engaged by Civil Service College to design and build a people-centric space for adult development and learning. To future-proof the 15,600 sq ft space, the design optimised the needs of both learning and social spaces by creating a variety of easily configurable spaces. Mobile walls allow users to modularise classroom size required for specific training needs.

SOCIAL
Chandelier

DESIGNER
Snohetta and Playpoint Singapore Pte Ltd

CLIENT
Changi Airport Group

PROJECT TYPE
Product

SOCIAL
Civil Service College at Jurong Town Hall

DESIGNER
D’Perception Singapore Pte Ltd (Jus Tin Latt)

CLIENT
Civil Service College

PROJECT TYPE
Interior Design

PROJECT LOCATION
Singapore
Electrolux Multidoor Refrigerator

SOCIAL

Having ingenious microclimate zones and Smart Split doors which reduce climate fluctuations and energy waste, this refrigerator provides an exacting level of food quality preservation. Users can receive reminders and alerts for food expiry as well as adjust and monitor the fridge via an app. End result: less food wasted, which is better for the environment and one’s pocket.

PROJECT TYPE
Product

DESIGNER
Electrolux S.E.A. Pte Ltd
(Electrolux Group Design APAC)

Electrolux UltimateCare™ 500 Washer & Dryer Set

SOCIAL

This washer and dryer set is Electrolux’s answer to making laundry effortless. Using vapour technology in the washer to reduce allergens and germs, and a SmartSensor in the dryer to eliminate over-drying, laundry emerges clean and is longer lasting. This Scandinavian designer uses human-centric design to let customers get on with life rather than slave over the laundry.

PROJECT TYPE
Product

DESIGNER
Electrolux S.E.A. Pte Ltd
(Electrolux Group Design APAC)
### SOCIAL

**Faci Office**

**DESIGNER**
ADX Architects Pte Ltd (Casey Chua)

**CLIENT**
Faci Asia Pacific Pte Ltd

**PROJECT TYPE**
Architecture

**PROJECT LOCATION**
Singapore

Faci wanted to erect a stand-alone building on its existing industrial site in Jurong Island to house its Asia Pacific corporate office. It must be emblematic of the company’s sustainable corporate image, be able to accommodate an expanding business, as well as cater for client collaborations. The five-storey building won a BCA Green Mark Gold Plus Award.

### SOCIAL

**One Park Taipei**

**DESIGNER**
Rogers Stirk Harbour + Partners

**CLIENT**
Yuan Lih Construction Co., Ltd

**PROJECT TYPE**
Architecture

**PROJECT LOCATION**
Taipei, Taiwan

One Park Taipei is a twin-tower residential development of 31 and 35 storeys situated in Taiwan's capital, Taipei. Extensively decorated with large glass, the building glitters in the sun and gives residents a great view of the adjacent Daan Forest Park. It has become a landmark in the city with each tower’s stairwell extensively accentuated by columns of orange-laminated glass.
Design Inspiration Cards for 3D Printing

These inspiration cards are meant to inspire designers to uncover and explore new creative dimensions during their product development process by maximising 3D printing to its fullest potential. On one side, the physical cards contain simple illustrations and descriptions to deliver new knowledge about 3D printing, while the reverse side contains real-life application examples of each principle.

SMART DESIGN

GEZE ActiveStop Door Dampener

The GEZE ActiveStop acts as a door dampener, making doors more accessible and safe for all ages to use. It prevents fingers from being trapped at door edges or being slammed on by doors, and also stops doors from slamming into people when pushed open. Best of all, it can be installed on new and existing doors.
OCBC painted the first brushstrokes of what could be the next-generation bank at Holland Village. It is the Bank’s first branch to feature a Digital Concierge, demonstrating a full suite of online banking services. Walk-ins have exponentially increased and new sign-ups more than doubled since the introduction of technology and deliberate spatial design which improve customers’ experience.

iRigel – Internet-of-Toilet Management is a revolutionary toilet management system which taps on the Internet of Things to manage sanitary wares and accessories commonly installed in public restrooms. Through the use of intelligent sensors, building facilities owners and managers can have a holistic assessment of toilet operations, monitor toilet conditions and supply stock in real time, and improve productivity.
**SMART DESIGN**

**myCPF Mobile App**

**DESIGNER**
Central Provident Fund Board (Design Excellence Centre)

**PROJECT TYPE**
Digital Solution

Focusing on three Es of Easy, Effective and Expeditious underpinning the redesign, the revamped myCPF mobile application saw a 100% increase in downloads. Departing from its traditional everything but the kitchen sink design approach to a user-centric design, the app provides users with convenient access to useful CPF information on-the-go.

**SMART DESIGN**

**Natural Composite Pillar**

**DESIGNER**
Singapore University of Technology and Design (Dritsas & Fernandez)

**CLIENT**
IDC Namic DManD

**PROJECT TYPE**
Product

This 100kg pillar measuring 5m tall with a diameter of 0.6 to 1m is one of the largest 3D-printed biological artefacts. Created out of a sustainable bio-plastic made out of bio-materials such as cellulose, this project aims to address the environment damage wrought by the uncontrollable use of synthetic polymer plastics by empowering a bio-inspired approach to design and manufacturing.
One major limitation in the recent trend to use commercial robotic systems for cleaning glass window facades is the robots’ inability to move from one window panel to another. Mantis is a new class of facade-cleaning robots that are not only capable of autonomously navigating flat vertical facades, but are also able to move over obstacles and kerbs.
**SMART DESIGN**

**Orion**

**DESIGNER**

Singapore University of Technology and Design (R. Bouffanais & G.S. Soh)

**CLIENT**

Ministry of Defence (MINDEF)

**PROJECT TYPE**

Others

The Orion is an unmanned collaborative robotic system that mimics swarming behaviours commonly encountered in schools of fish and flocks of birds. Comprising two types of autonomous micro-robotic units — a wall-climbing variant and a floor-mapping one — Orion can achieve multi-agent intelligent surveillance and reconnaissance in urban settings. It increases public safety and strengthens MINDEF’s national security effort.

**SMART DESIGN**

**POSB Smart Senior**

**DESIGNER**

DBS Bank Ltd

**PROJECT TYPE**

Product

This product is the world’s first holistic payment and health programme for seniors. Seniors can use the water-resistant digital device for cashless payments and public transport. Besides telling the time and date, it also acts as a fitness tracker to record their daily steps, and provides them with cashback incentives once the monthly goal of 100,000 steps is attained.
Embodying its mission to train adult learners for the digital future, the Singtel Cyber Security Institute (CSI) and Centre Of Digital Excellence (CODE) showcase state-of-the-art high technology as well as savvy collaboration pods. Visitors may observe training sessions via one-way glass along a curved facade. This well-planned facility implements Smart Design to create Smart Solutions for a Smart Nation.
The Super C3 System is a centralised and holistic crisis management platform that integrates crisis response efforts seamlessly. Available anytime, anywhere, for anyone and anything, the system leverages cloud technology and a mobile-first approach to transform the way government agencies and organisations come together to orchestrate and conduct real-time operations during emergencies.
Tapping on the latest audio and wireless technologies, TGI incorporated the best elements of traditional hi-fi sets and portable speakers to produce the ultra-lightweight EUPHO E2 & E3 series Bluetooth speakers. With a patent-pending unibody design and an inbuilt high capacity battery, these speakers can deliver great music everywhere and anywhere — affordably.

**DESIGNER**
TGI Technology
(Li Shihuang)

**PROJECT TYPE**
Product

Tiny Threads | Massive Blocks

**DESIGNER**
Singapore University of Technology and Design (Michael Budig & Kenneth Tracy with Daniel Yong Kaijie, Kerine Kua, Lee Le Xiu Jean, Seah Jia Neng, Melissa Lee Wen Hui; Fabricators: Singapore Composite Cluster, Hon Nam Lee)

**PROJECT TYPE**
Product

**CLIENT**
Mapletree Investments Pte Ltd

This bench reflects the progress of crafting in a contemporary context, where computational design and fabrication tools have become state of the art. Using wood planks reclaimed during the redecking of VivoCity’s Sky Park, tiny threads of carbon fibre tie the seemingly massive blocks together to give them their stability to create a durable, robust piece of furniture.
SG MARK PAST WINNERS

2018

PLATINUM
Changi Airport Terminal 4 (T4)

GOLD
Alienware 34 Curved Gaming Monitor AW3418DW
Car Vending Machine
Health Continuum Space (Innovation Facility)
Hegen PCTO™ Feeding Bottle PPSU
Light Waterfall

SPECIAL MENTION
Innovative Floating Wetlands and Freshwater-Tolerant Mangroves
Potato Pirates
SCDF myResponder

2017

PLATINUM
Oasia Downtown Hotel

GOLD
AirMotion Mask
OneWealth Mobile App
The Peach Garden

SPECIAL MENTION
Waterway Terraces I & II
The Big Picture
InnoGPS
2016

**PLATINUM**
South Beach Mixed Development

**GOLD**
Singapore University of Technology & Design
JTC Space@Tuas
The Mighty Savers App

2015

**PLATINUM**
Toa Payoh - A Pioneer Town Reborn
Jurong Rock Caverns
Singapore Botanic Gardens

**GOLD**
Shimano Cycling World
Novena Lifestyle and Medical Hub
SG Cetus

**GOLD – CONT’D**
Oopsy Personal Smartphone Breathalyzer
Lam Soon Group Knife Cooking Oil
Acropolis
P&G Singapore Innovation Centre (SGIC)
SlimStyle LED Lamp 60W
“Howatt” Technologies