

Are your windows and doors as Smart as your Space ?



**Experience the perfect
blend of innovation and
elegance**



Open up to peace, close in on warmth

Your Home's Perfect balance starts here.

With a legacy of excellence in building materials, Simta has become a name synonymous with innovation, quality, and reliability. As a pioneer in UPVC windows and doors, we design products that enhance everyday living – offering unmatched durability, noise insulation, weather resistance, and sleek aesthetics.

Our advanced manufacturing facilities, skilled craftsmanship, and focus on sustainability ensure that every product stands the test of time. Be it homes, offices, or commercial spaces, Simta UPVC solutions are trusted by architects, builders, and homeowners across India.

Backed by strong after-sales service and continuous R&D, we are committed to creating modern spaces that are smart, secure, and maintenance-free.

35+ Years Of
Manufacturing Legacy

10 Pan-India delivery
through warehouses

520+ Partner Fabricators
Nationwide

24K Metric Tons/ Annum
Production Capacity

Choose Simta. Choose peace of mind.



Art of Manufacturing Facility – Plant 1



Art of Manufacturing Facility – Plant 2

Manufacturing Process

How are we blending the compound ?

A fully automated weighing, system operations are controlled by scada system

PVC and all ingredients are separately weighed through CNC controlled load cells and fed into the blending Mixer by pressure conveyors and the Mixed compound is stored in the silos.

The mixed compound is conveyed to the extruders through vacuum conveyors.

Since the entire system is closed-loop and controlled by a PLC system, compounding is error free. Also, it helps to maintain the environment (by avoiding the spillage of powder materials).

Indo- German Technology

Incorporating advanced German engineering ensures superior design, durability, and performance across all our products.



Blending

Now the future demand greener & more sustainable choices!

PVC Resin (Ethylene Based)

Foundation for exceptional strength and structural stability.

Calcium Carbonate (CaCO₃)

A filler Chemical provides betterA filler chemical provides better Mechanical strength and increases the surface Gloss by using the particle size of 6 microns grade for smoother finish and superior polymer bonding.Imported for consistent color and quality.

Titanium Dioxide (TiO₂)

Special encapsulation silicate-coated rutile grade from world-renowned sources: RRONS, CHEMOURS (DuPont)

Calcium Zinc Stabilizer

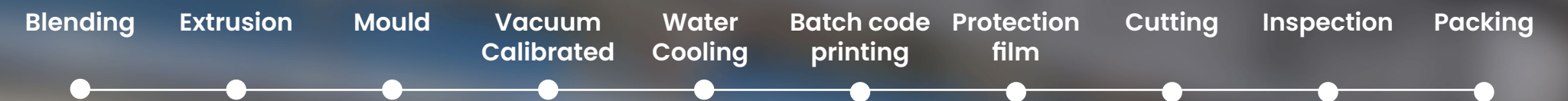
Lead-free, ROHS-compliant. Ensures safe, durable, and eco-friendly performance.

With uPVC, you are choosing sustainability and an intelligent, futuristic approach, uPVC is more cost efficient and gives excellent thermal insulation to make it more energy-efficient than wood or aluminum. In addition, unlike other materials, it retains its shape in all weather conditions. As a result, it serves as a perfect choice for your windows, doors, and frames with remarkable durability and excellent eco-balance.



Extrusion

Our High End Manufacturing Process



Tested Globally



SKZ
Germany



SGS
Material Testing Centre



TUV India
TUV NORD Group



Winwall



CIPET
Central Institute of Petrochemicals
Engineering & Technology



National Test House



BIS

- Charpy Impact Test

► Vicat Softening Point

► Falling Mass Test

► Heat Reversion

► Heat Aging

► Density Test
- Surface Straightness Test

► Color Consistency Test

► Glossiness Test

► Ash Content Test

► Welding Strength Test

Benefits

No.	Parameters	Range	Advantages to our Customer
1	Profile Wall Thickness	2.2 to 2.3 mm	Stronger profiles, Better geometry& shape.
2	Gradient Drainage	Yes	Easy& Smooth drain out No water accumulating in the profile.
3	Wind Load	3000 Pa	Suitable for both taller and wider apertures Structurally sound.
4	Profile Shape	Multi Chambered	Large Multi Chambers, including sliders, allows perfect thermal and acoustic insulation. In time needed it can accommodate larger reinforcement to resist higher wind loads.
5	Colour Options	Yes	Choice of variety of options.
6	International Standard & Compliant	Yes	Present in more than three countries. Standards in compliance with EN12608-1-2016.
7	Suitable for Tropical Climate	Yes	Rich dosage of TiO2 successfully performing installations in severe/harsh climatic conditions.
8	Hardware	Best in Class	Superior Quality. Fits inside Euro Groove. Safety Ensured.
9	Reinforcement Thickness	1.2-2.5mm	Providing strength with No Rattling and No whistling.
10	Maintenance	Low	Easy to clean. Against termites and other corrosion.
11	Coloured Windows	Foil Laminate with Renolit FX. Grade, PUR Hotmelt Technology.	20 years warranty and tested for lamination by International Institute.
12	Delivery Schedule	Local Support	Faster Delivery. Window & Door production planned with software optimization.
13	Service Reliability	International	Quick attendance to any service issues. Dedicated customer support team.
14	Technical Support	Yes	Bringing World-class experience to India.
15	Easy clean hinge mechanism	Not applicable	Effortless Maintenance of casement windows.
16	Max Glass Thickness	Single-4mm to 12mm Double-upto 24mm Stronger	Noise resistance upto 25 to 40db. (70% to 55% noise reduction possible WWI Double glazing with proper selection of glass).



In-house testing facilities

Manufacturing Standards

EN 12608-1-2016
BIS 17953-2023

Discover the uPVC Advantage



Ultimate Protection

- Simta Astrix provides you the peace of mind even when you are away from your home
- The engineered Euro Grooves provided in the profiles, can be installed with secured hardware to avoid tampering.
- The glazing beads options are designed for internal glazing models. The tightness of glazing beads will not allow for easy removal.



Excellent Wind Load Performance

- Simta Astrix windows and doors are designed to withstand even the most extreme wind conditions.
- Suitable for coastal areas and high rise buildings
- Tested for 3000 Pa and can perform more
- Bigger Steel chambers for higher wind stability
- Multiple size options for various combinations to achieve desired results



Protection From Sound

- Customised and easy glazing to achieve desired results in soundproofing technology and insulating your interior.
- Simta Astrix framing systems is a perfect solution to overcome sound transmission. The double side compressed gasket system provides the excellent tightness in the framing and glazing areas.

Location & Noise Pollution Level	Recommended Max Noise Level	Recommended Soundproofing level of window	Noise Protection Class
Residential Area About 60dB	Sleeping 25-30 dB	30 dB	2
	Housing 30-35 dB	27 dB	1
	Working 35-50 dB	14 dB	0
Town Centre About 70 dB	Sleeping 25-30 dB	43 dB	4
	Housing 30-35 dB	37 dB	3
	Working 35-50 dB	35 dB	1
Industrial About 75 dB	Sleeping 25-30 dB	47 dB	5
	Housing 30-35 dB	43 dB	4
	Working 35-50 dB	30 dB	2

- Aesthetically Pleasing
- Termite-Free
- Low Maintenance
- Value for Money
- Proper Drainage System
- Great Insulation
- Resilient to All Weather Conditions
- Enhanced Security
- High Energy Efficiency
- Corrosion-Proof
- Fire Retardant
- Durable



Our Door Categories

Doors that blend style, performance, and personality.



Sliding Doors

Sleek, smooth, and modern — ideal for patios, balconies, and compact spaces.



Sliding French Door

Smooth-gliding panels designed to save space while offering wide openings and uninterrupted views.



Casement Doors

Side-hinged, easy to operate, and great for insulation and airflow.



3 Track Sliding Door

Multi-panel sliding system that allows larger openings, improved ventilation, and flexible movement.



French Doors

Classic charm meets natural light — perfect for open, airy interiors.



Combination Casement Doors

A smart blend of fixed and operable panels, combining ventilation, visibility, and design versatility.

Every great space begins with a **great door.**

Our Window Categories

Doors that blend style, performance, and personality.



Arch Windows

Uniquely curved designs that add classical charm and a distinctive architectural touch.



Combination Windows

A mix of sliding, fixed, or casement styles — tailored for functional and visual versatility.



Tilt & Turn Windows

Dual-opening system — tilts for ventilation, turns for easy access and cleaning.



Sliding Windows

Smooth horizontal operation — perfect for modern spaces with limited room.



Casement Windows

Side-hinged windows that open fully — great for airflow and tight sealing.



Ventilators

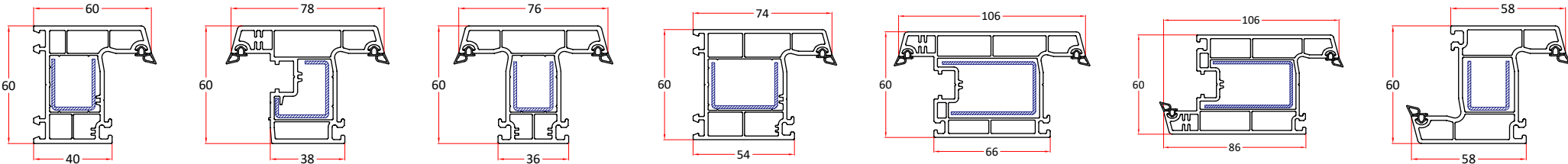
Compact windows placed above doors or windows — ideal for continuous airflow in closed spaces.



French Windows

Elegant double-sash windows that open outward — perfect for wide openings and natural light.

Casement Series



CWL-01
Casement Frame 60
RI-CWL-01

CWL-02
Casement Sash
RI-CWL-02

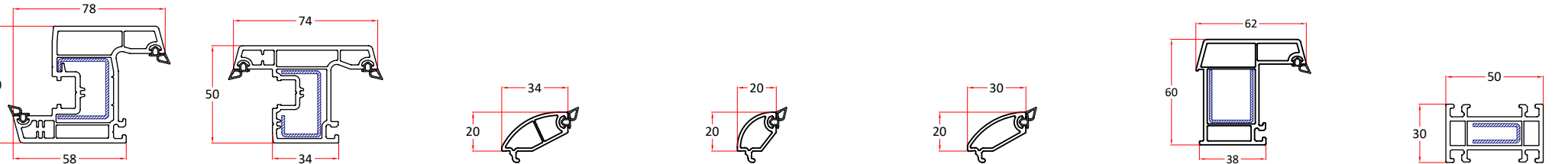
CWL-03
Casement Mullion
RI-CWL-01

CWL-26
Casement Frame 74
RI-CWL-26

CWL-29
Casement Door Sash
Outward 106
RI-CWL-29

CWL-30
Casement Door Sash
Inward 106
RI-CWL-30

CWL-27
Casement Z Mullion
RI-CWL-01



CWL-31
Window Sash Inward
RI-CWL-31

CWL-49
Casement Grill Sash 50
RI-CWL-49

CWL-17
Casement Single Bead

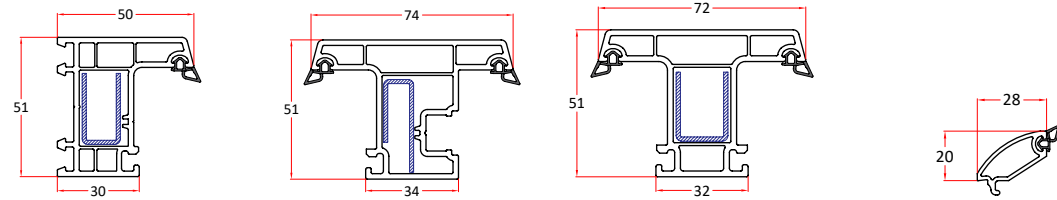
CWL-18
Casement Double Bead

CWL-19
Casement Mid Bead

CWL-37
False Mullion
RI-CWL-37

CWL-55
Ventilator Frame
RI-CWL-55

Casement Smart Series



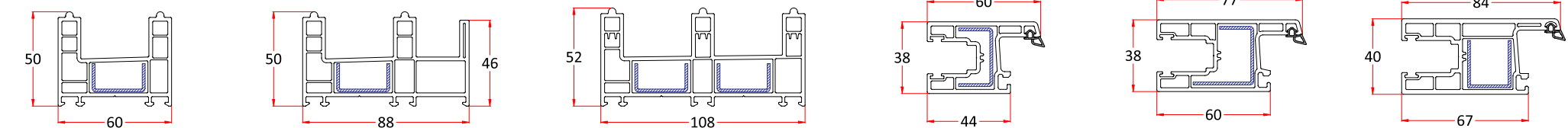
CWL-79
Casement Frame 51
RI-CWL-79

CWL-80
Casement Sash 51
RI-CWL-80

CWL-81
Casement Mullion 51
RI-CWL-81

CWL-82
Casement Single Bead 51

Sliding Series



SWL-04
Sliding Frame 2 Track
RI-SWL-04

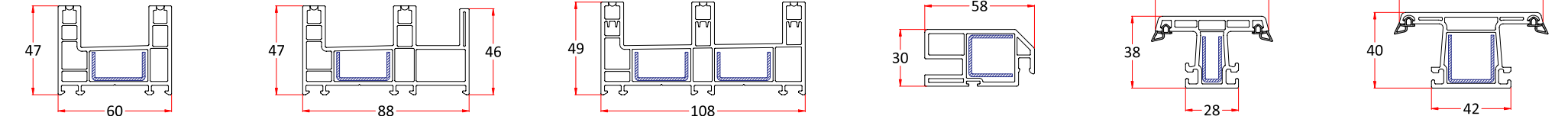
SWL-05
Sliding Frame 2.5 Track
RI-SWL-04

SWL-06
Sliding Frame 3 Track
RI-SWL-04

SWL-07
Sliding Sash 60
RI-SWL-07

SWL-08
Sliding Sash 77
RI-SWL-08

SWL-09
Sliding Sash 84
RI-SWL-09



SWL-11
Sliding Frame 2 Track (WOT)
RI-SWL-04

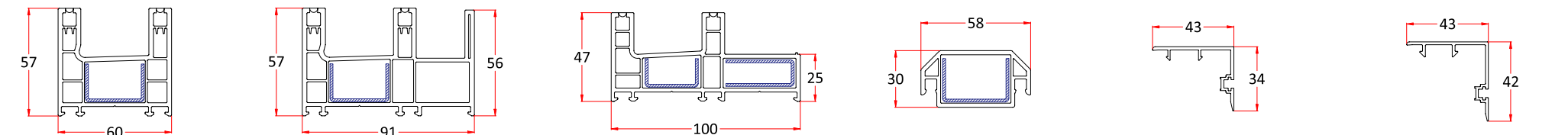
SWL-12
Sliding Frame 2.5 Track (WOT)
RI-SWL-04

SWL-13
Sliding Frame 3 Track (WOT)
RI-SWL-04

SWL-10
Mosquito Sash
RI-SWL-10

SWL-34
Sliding Sash Mullion 38
RI-CWL-55

SWL-35
Sliding Sash Mullion 40
RI-SWL-35



SWL-14
Sliding Frame 2 Track 57 (WOT)
RI-SWL-14

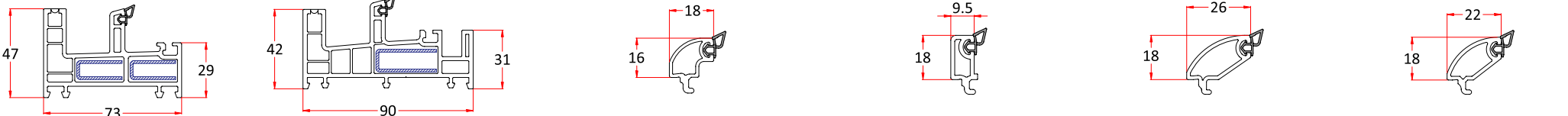
SWL-15
Sliding Frame 2.5 Track 57 (WOT)
RI-SWL-14

SWL-90
Sliding Frame 2 Track With Grill
RI-SWL-04/90

SWL-33
Mosquito Sash Mullion
RI-SWL-33

SWL-23
Interlock 34

SWL-24
Interlock 42



SWL-56
Mono-Rail
RI-CWL-55

SWL-93
Mono-Rail with Sliding Mesh
RI-SWL-93

SWL-20
Sliding Single Bead

SWL-21
Sliding Double Bead

SWL-22
Sliding Mosquito Bead

SWL-54
Sliding Single Bead 84

Sliding Smart Series

SWL-77
Sliding Frame 2 Track-51 (WOT)
RI-SWL-77

SWL-71
Sliding Frame 2.5 Track-80 (WOT)
RI-SWL-71

SWL-78
Sliding Frame 3 Track - 92 (WOT)
RI-SWL-77

SWL-72
Sliding Sash 60x34
RI-SWL-72

SWL-73
Mosquito Sash
RI-SWL-73

SWL-20
Sliding Single Bead

SWL-74
Interlock 30

70 Series (Casement)

E7CWH-01
Casement Frame
RI-E7C-01

E7CWH-02
Casement Frame With Sill
RI-E7C-01

E7CWH-03
Casement Sash Inward
RI-E7C-03

E7CWH-04
Casement Mullion
RI-E7C-04

E7CWH-05
Casement Door Sash Inward
RI-E7C-05

E7AWH-07
Architrave

E7CWH-06
Casement Double Bead

70 Series (Sliding)

E7SWH-08
Sliding Frame 2.5 Track With Sill
RI-E7S-08/08A

E7SWH-09
Sliding Sash
RI-E7S-09

E7SWH-10
Sliding Sash Mullion
RI-E7S-10

E7SWH-11
Monorail
RI-E7S-11/08A

E7SWH-14
Mosquito Sash
RI-E7S-14

E7SWH-15
Mosquito Sash Mullion
RI-E7S-15

E7SWH-12
Sliding Double Bead

E7SWH-13
Interlock

Accessories

AWL-32
Add-on Track

AWL-68
Add-on Track Button

AWL-50
Sliding Connector 40

AWL-45
2.5 Track Connector

AWL-39
Round Bay Pole
RI-AWL-39

AWL-40
Bay Pole Adapter

AWL-43
Square Bay 60*60
RI-AWL-43

AWL-44
Square Bay 60*88
RI-AWL-44

AWL-41
Ventilator Cap

AWL-42
Ventilator Cap Punched

AWL-48
S- Louver

AWL-36
Door Panel

AWL-66
False Mullion Cap- Right

AWL-67
False Mullion Cap- Left

DWL-64
Door Panel 19mm

DWL-65
Door Louver

AWL-47
Georgian Bar

AWL-69
Georgian Bar Connector

AWL-86
Georgian Bar Connector Clip

AWL-46
T Connector

AWL-75
Mosquito Sash Connector

AWL-85
Mosquito Mesh Adapter

AWL-51
3 Track Connector
RI-AWL-51

AWL-87
3 Track Aluminium
Connector

AWL-88
3 Track Connector 92*60

AWL-89
H Connector 60*60

AWL-91
Hurricane Bar

AWL-92
Hurricane Bar Locator Clip

AWL-94
Hurricane Bar Cap

AWL-50
2.5 Track-88
Aluminium Connector

AWL-96
Bump stopper

A Spectrum of Project Deliveries for Clients



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Building Positive Experiences



PURAVANKARA



TVS Emerald



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Builders



urbanrise



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AVENUES



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M
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AVENUE PROJECTS



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ISRO



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Shapoorji Pallonji



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& CONSTRUCTIONS LTD.



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University) est. 1978



K
M
C
H



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UNIVERSITY



VIGNAN'S
Foundation for Science, Technology & Research
(Deemed to be University)
-1988 est. 3 of UGC Act 1956



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HALLMARK LALITH
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AURO REALTY



OMNI
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OMAXE
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Properties



MEDA
Greens



Ayana 95



Rudra
CONSTRUCTIONS



NORESTE



PSK
GROUP



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Value Designbuild Pvt. Ltd.



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SAROJ GROUP
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MINISTRY OF URBAN DEVELOPMENT



MINISTRY OF LABOUR AND EMPLOYMENT



MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP



MINISTRY OF EDUCATION



MINISTRY OF HEALTH AND FAMILY WELFARE



MINISTRY OF AGRICULTURE



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