



Skillveri AURA[®]

Filling the root-gap in welding quality

eXtended Reality (XR) simulators for
skill-training & quality improvement
in welding

INDIA

POLAND

GERMANY

UK

CANADA

SINGAPORE

NIGERIA



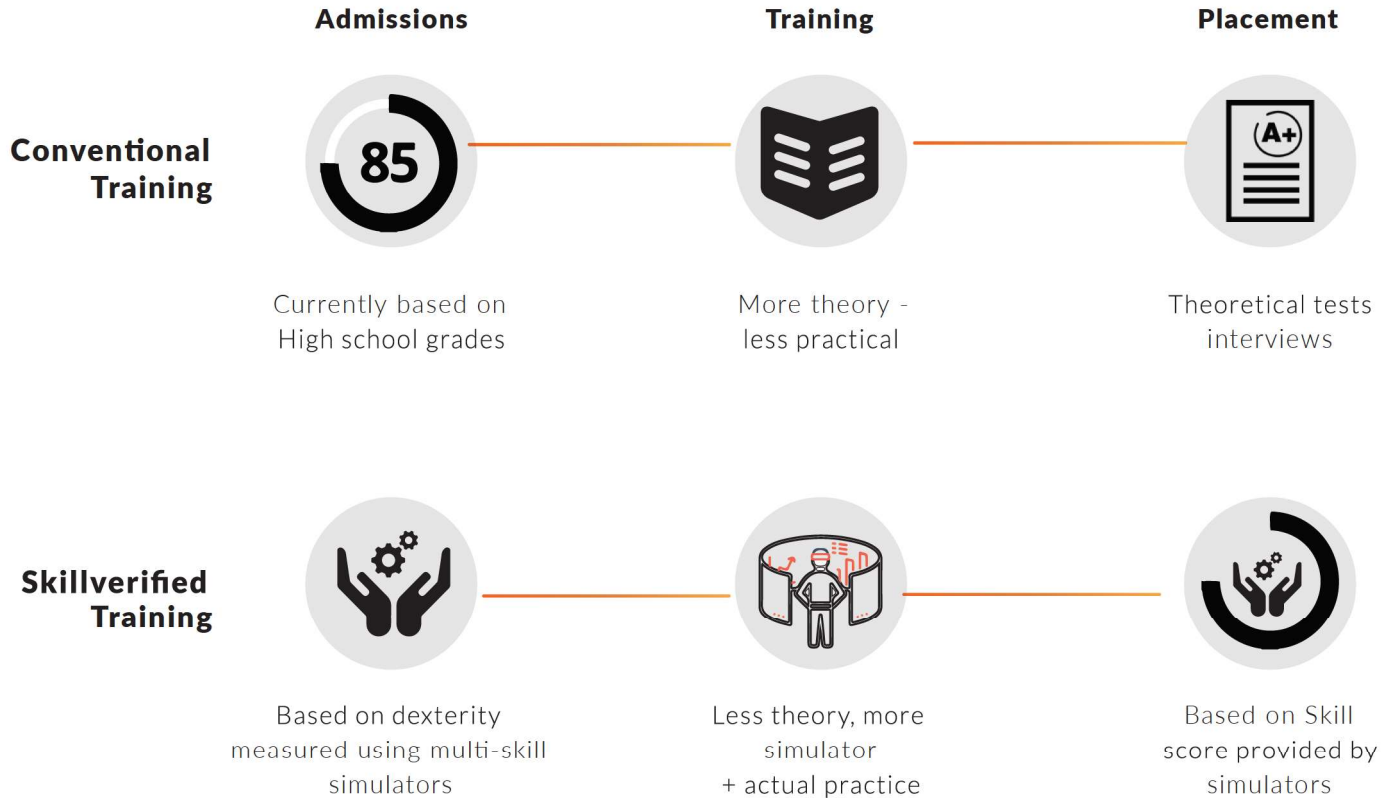
Skillveri enables better quality delivery of **psycho-motor dexterity training** at significantly lesser costs through its innovative simulators, which implements the principles of psycho-physics and digital-dexterity mapping.

The name Skillveri can be read in two classical languages, Tamil and Latin. In Tamil, the name stands for acquiring skills with utmost passion; in Latin the name stands for the right/authentic skill. The ultimate goal is to “Skillverify” most vocational skills.

VISIT US NOW @ www.skillveri.com

INDIA | POLAND | GERMANY | UK | CANADA | SINGAPORE | NIGERIA

“Skillverifying” hands on training



World Leader in Multi-skill Simulation Platform

Skillveri®

World's No 1 in
Painting Simulators

Paint Companies



Industrial



India's No 1 in
Welding Simulators



The Indian Hume Pipe Co. Ltd.
Recognized by Dept. of Science And Technology, Govt. of India



Society for Industrial & Technical Education of Goa's
INSTITUTE OF MARITIME STUDIES



NATIONAL INSTITUTE OF TECHNICAL TEACHERS
TRAINING & RESEARCH, KOLKATA



Government of India
Ministry of Skill Development and Entrepreneurship
Director General of Training
National Skills Training Institute
Group of Companies, Faridkot, Punjab
and other skill development agencies
India's No. 1 in Skills Objectives
Outer Ring Road, P O Circle, Technocity, Bangalore - 560 022



ANGLO-EASTERN



Awards



Innovations for
Skills Marketplace

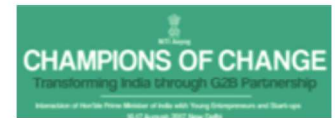


NSDC Innovations for Skills Challenge 2014 Winner

NSDC Govt of India
National Skills Challenge Winner



Best Non-Game Project,
Unity 3D - Unite Melbourne 2017



Part of PM's Champions of Change
Panel

Superior Technology: eXtended Reality (XR)

- **Train continuously for hours** without VR sickness (limitation of VR, AR)
- Depth perception in virtual world matching real physical world: **True 3D**

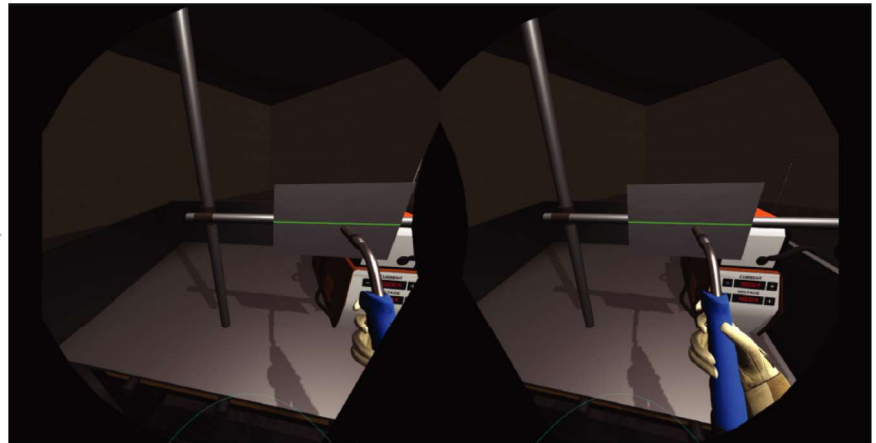
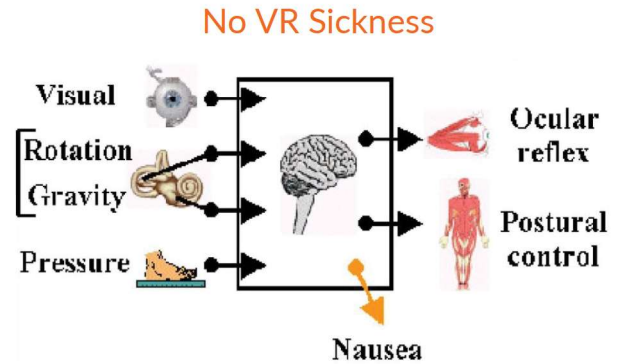


Plate Thickness

- 0.8 mm
- 1.6 mm
- 3.2 mm
- 6.4 mm
- 12.7 mm
- 25.4 mm
- 50.8 mm

WPS Settings

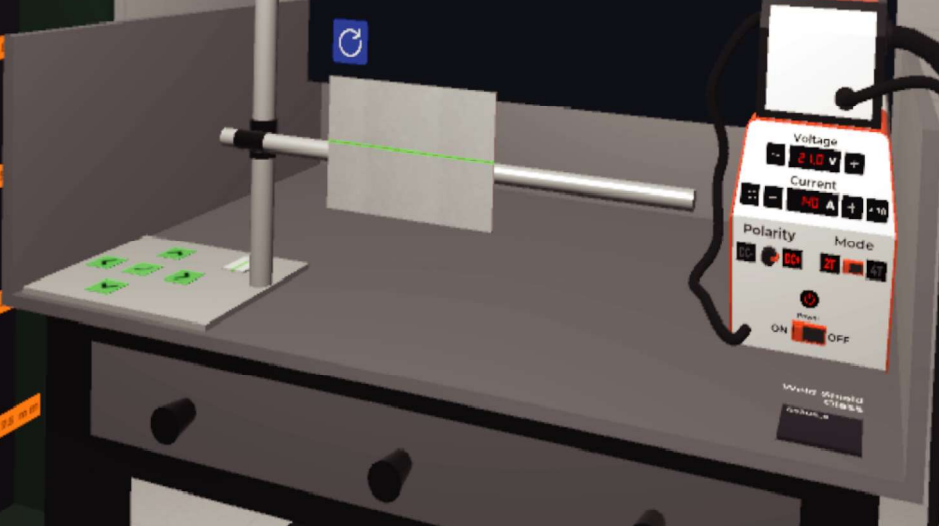
CMAW <small>Wire Shielded</small>	BUTT Joint <small>Weld Joint</small>
2G <small>Weld Position</small>	3.2 mm <small>Weld Thickness</small>

MILD STEEL
Metal type

100% CO2 0% Argon
Gas type

Level 15

★ Difficulty	Hard
🗨 Feedback	No
Skill Measured	Path, Angle, Stickout, Speed



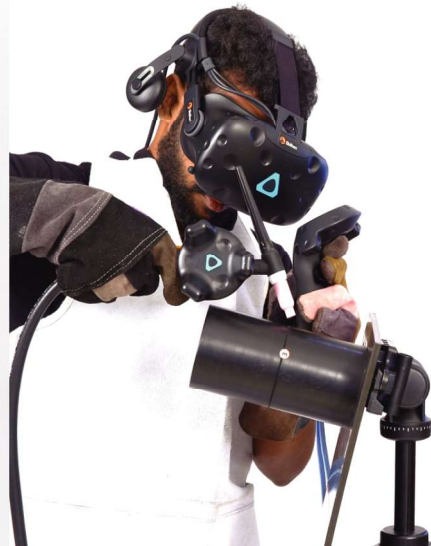
Control Panel:

- Voltage: 21.0 V
- Current: 140 A
- Polarity: DC
- Mode: 2T
- Buttons: ON, OFF



Pressure Gauge: 0-100 PSI

Precise tracking with 0.2mm accuracy
True 3D, fully immersive welding simulation system
with weld test coupons & real welding guns



Each student: 3D device, display for trainer



Train an entire batch with
5+ simulator stations



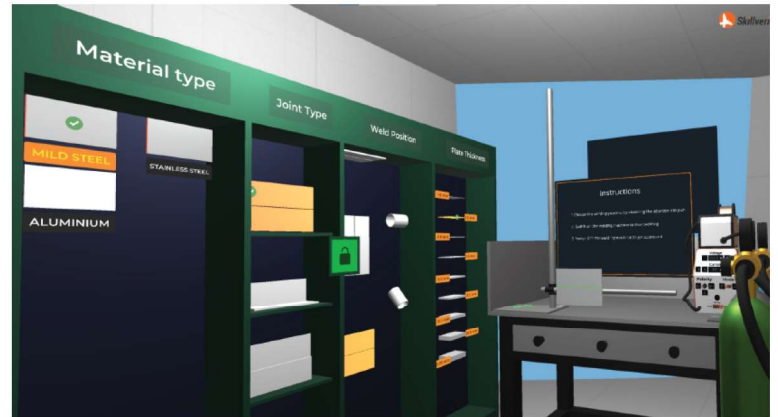
3D Immersive XR experience with hand controls appearing as virtual guns.

Add-on modules for skills like Spray Painting, RAC, Solar Inverter, and more.



FEATURES

- GMAW, SMAW, GTAW, FCAW
- 1G to 6G, 1F to 5F, 2F to 4F
- Butt Joint, Lap Joint & Fillet Joint
- Adjust machine settings & Get reports



Gas



Material
Type



Thickness



Voltage



Polarity



Detailed
report for
each
user

Proven Curriculum

1

Simulator training
one process;
one position

2

Actual
equipment

3

Other
weld positions

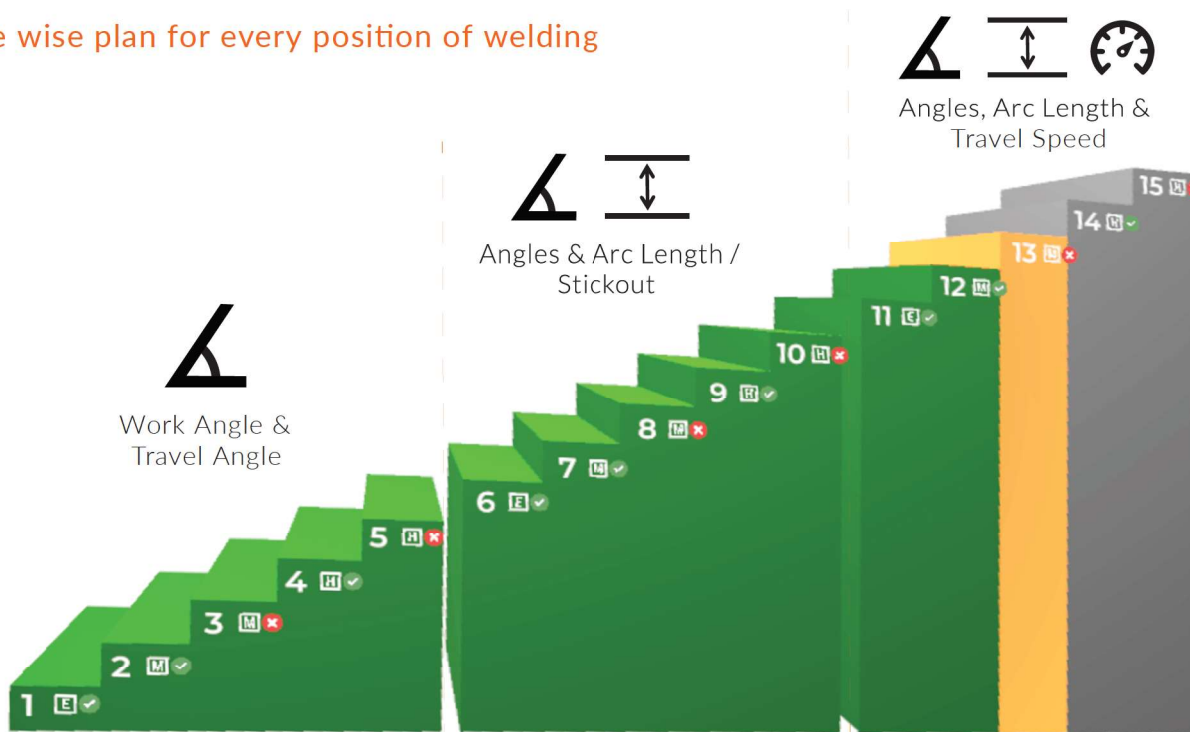
4

Exam on the
simulator

5

Practical Exam on
Welding Equipment

Stage wise plan for every position of welding



How this works

1

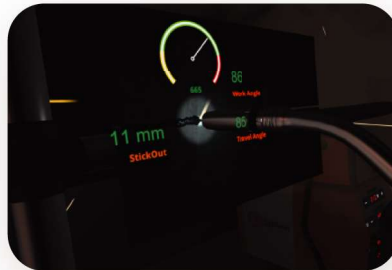
Skill Measurement

Dexterity Training

- Arc Length
- Travel / Work Angle
- Travel Speed
- Welding Path

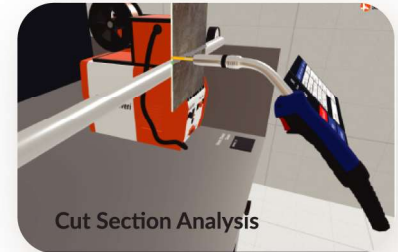
2

Live Feedback



3

Output Quality Analysis



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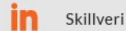
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