



# ACCESSIBLE CYCLE DESIGN CHALLENGE

## Strategic Partners



Access Exchange International



INSTITUTE OF ARCHITECTS  
PAKISTAN

## Design Implementation Partner



## Media Partner



## Radio Partner



## Campus Engagement Partners



## Online Partner



## Magazine Partner



# ACCESSIBLE CYCLE

## DESIGN CHALLENGE

## PEOPLE WITH DISABILITIES IN PAKISTAN

- Outnumber the combined population of Hyderabad, Multan, and Peshawar (*Helping Hands for Relief & Development*)
- Pakistan annually loses 4.9% to 6.3% of GDP due to the exclusion of people with disabilities (*The Economist*)



## THE PROBLEM

Immobility leads to economic isolation and the most feasible mobility option for people with lower-limb impairments is Cycle, which is:

- Highly Accident Prone
- Requires High Exertion
- Uncomfortable
- Incompact
- Unsightly

## THE SOLUTION

- A 3-month long countrywide Design Challenge that addresses the aforementioned design defects under the production cost of Rs. 10,000
- The prototype of the winning design will be developed through our Design Implementation Partner



# ACCESSIBLE CYCLE DESIGN CHALLENGE

## ELIGIBILITY

Open to All

## SUBMISSION DETAILS

### REGISTRATION DEADLINE

*February 15, 2016*  
(Apply at [www.nowpdp.org](http://www.nowpdp.org))

### ENTRY SUBMISSION DEADLINE

*March 31, 2016*  
(Design Submission)

### NOTE

- Design submission guidelines can be viewed at [www.nowpdp.org](http://www.nowpdp.org)
- The winning design will be the property of NOWPDP and it will have the copyright of the design for its production. The name of the designer will always be acknowledged

## Required Design Features

Aesthetically  
Pleasant

Less  
Accident  
Prone

Requires  
Low  
Exertion

Compact

Comfortable

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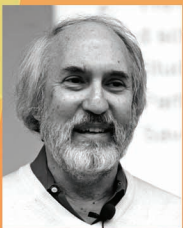
## THE IMPACT

Improved on-road access and economic empowerment of people with disabilities

## NOWPDP

Network of Organizations Working with People with Disabilities, Pakistan (NOWPDP) promotes the creation of an inclusive society, which values and upholds the rights of people with disabilities

## JURY AND ADVISORY PANEL



Inventor of Smart Wheelchair & Associate Director, Alex Tung Memorial Assistive Technology Laboratory, Stanford University

DAVID L. JAFFE



Former Head of Accessibility, Transport Research Laboratory (UK) & Recipient of William B. Graham Award

DR. CRISTOPHER (KIT) MITCHELL



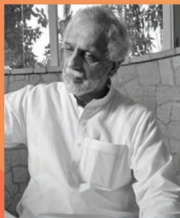
Executive Director, Access Exchange International & global authority on accessible transportation

TOM RICKERT



Instructor, D-Lab, Massachusetts Institute of Technology (MIT) & Former Director Product Development, Whirlwind Wheelchair International

MATT MCCAMBRIDGE



Founding Member (Indus Valley School of Arts & Architecture, Kidney Centre & Hunar Foundation) & Principal Architect, Arshad Shahid Abdulla

SHAHID ABDULLA



CEO of Automobile Corporation, which is Pakistan's leading company that specializes in vehicle customization

KHAYAM HUSAIN



Winner of MIT Humanitarian Award for Design Innovation & creator of mobile-based commerce tricycle

SOMNATH RAY



Renowned accessibility consultant based in Mexico & Country Representative, GAATES

JANETT JIMENEZ



Founder & Executive Director, His Wheels International

ALICE TEISAN

For Details

+92 (21) 32294527-8 (Ext: 112) | [www.nowpdp.org](http://www.nowpdp.org)  
NOWPDP House Bungalow No.83/1 N I Line Saghir Hussain  
Shaheed Road Saddar Karachi, Pakistan  
[therickshawproject@nowpdp.org](mailto:therickshawproject@nowpdp.org) | [facebook.com/nowpdp](https://facebook.com/nowpdp)