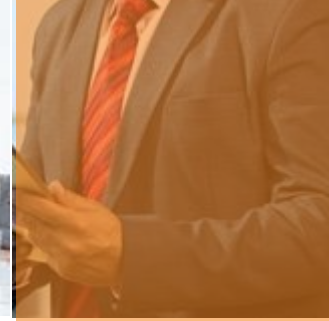# Government Digital Transformation

MCR HRDi, Hyderabad

31st January 2024

Sudhir Aggarwal

Digital Transformation

Client Partner - Senior

Wadhwani Foundation

Creating Jobs. Changing Lives.

The non-profit operates globally to boost economic expansion in emerging economies. It promotes job creation through extensive initiatives in entrepreneurship and skill development. The organization also supports digitizing government services and advancing academic innovations to achieve commercial success and widespread societal impact.

ASIA

AFRICA

LATIN AMERICA

U.S.A

Over two decades we have focused
on a simple, powerful mission:

To accelerate job growth and enable millions to earn
a family-sustaining wage leading to a life of dignity.

Our initiatives

Entrepreneurship

Enables aspiring and practicing entrepreneurs to start, survive, and thrive through customized interventions.

Skilling

Enables job-seekers with new-age employability skills to acquire family-wage jobs.

Innovation & Research

Acceleration of academic innovation in new-age technologies with a focus on the commercialization of innovations and research.

Government Digital Transformation

Upskill and hand-hold Govt. Organizations with emerging technologies to accelerate population-scale digital solutions and craft new-age policies

Our beneficiaries:

Students I Startups I Small Businesses	Job Seekers I Employees	Faculty I Post-Docs I Ph.D Students	Government Officials I Policymakers

Our philosophy

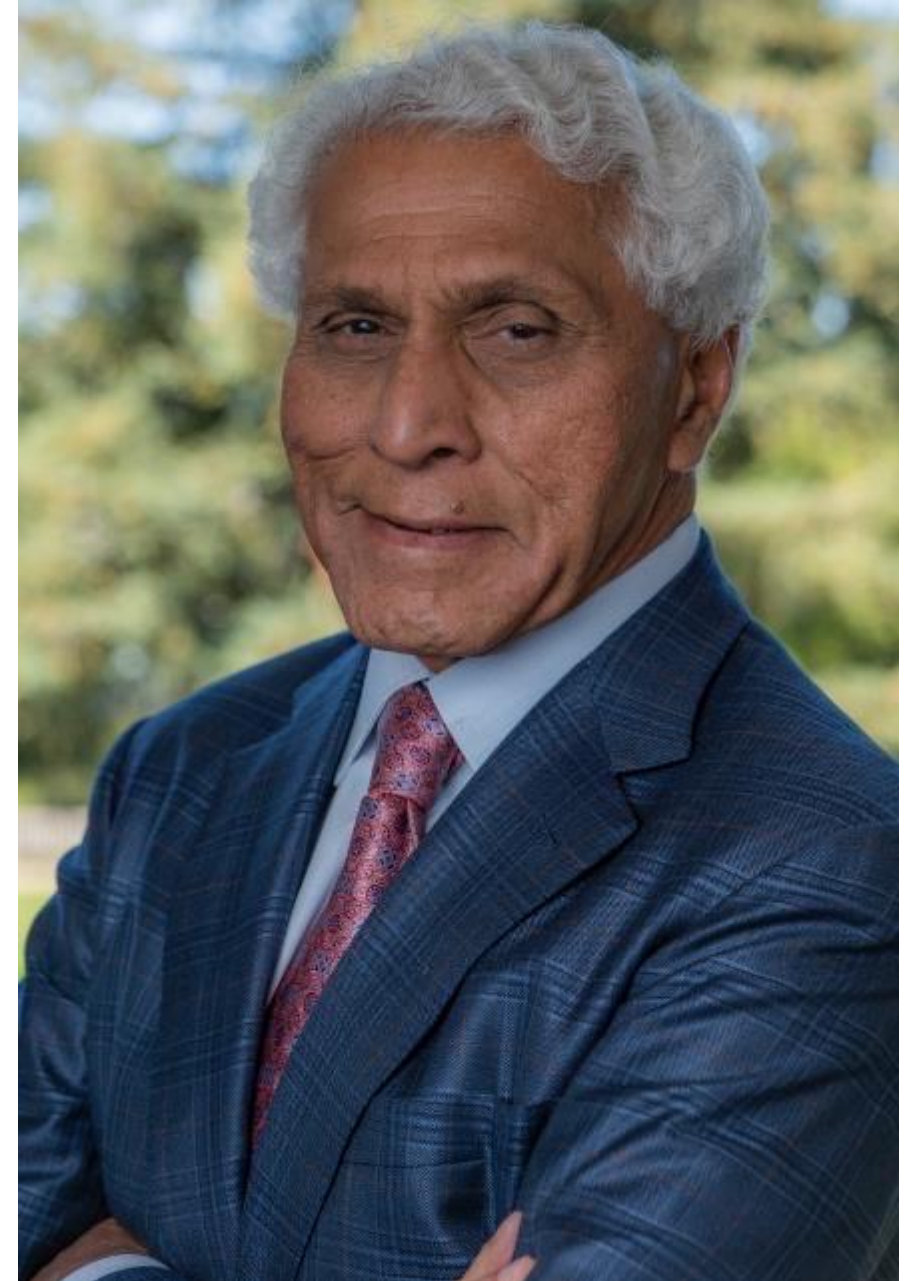To avoid mission dilution, the Foundation takes no external funding.

Operational model

- The Foundation operates its own high-impact programs in partnership with ecosystem partners.
- Services are offered at no charge to the beneficiaries.
- The Foundation is solely funded by the philanthropy of its Founder and Chairman, Dr. Romesh Wadhwani, who has committed billions to the Foundation to date.
- Dr. Wadhwani has committed to donating 80% of his wealth to the Foundation.

Dr. Romesh Wadhwani
Founder and Chairman

- Padma Shri 2020 awardee.
- President Obama appointee to the Board of Trustees of the John. F. Kennedy Center.
- Founding Chairman and CEO of $3.5 billion Symphony Technology Group.
- Founding Chairman of AI software firm Symphony AI (2017).
- Founding Chairman of AI life sciences firm ConcertAI (2017).
- Founding Chairman of SAIGroup investment firm (2021).

Enabling governments to embrace emerging technologies that will help accelerate the implementation of digital initiatives.

Honorable Prime Minister, Shri Narendra Modi, in a January 2020 meeting with Dr. Romesh Wadhwani and Dr. Ajay Kela, expressed his desire to make India a global leader in leveraging the latest technologies for all government operations, including policy and programs.

Translating this vision into action, Wadhwani Foundation established the Wadhwani Center for Government Digital Transformation (India) in April 2020 and signed an LOI with the Principal Scientific Adviser (PSA) in September 2020. Formerly known as Wadhwani Institute of Technology and Policy (WITP), this initiative enables government departments and officials to accelerate their digital transformation through:

- A tech-focused Skilling Academy
- An Incubation Center
- Program & Policy Advocacy

Wadhwani Center for Government Digital Transformation (India)

Skilling Academy

Offers hybrid and self-paced programs, short AI programs, interactive sessions on real-life case studies and much more.

Incubation Center

Enables state and central government officials to incubate and launch high-impact digital transformation solutions.
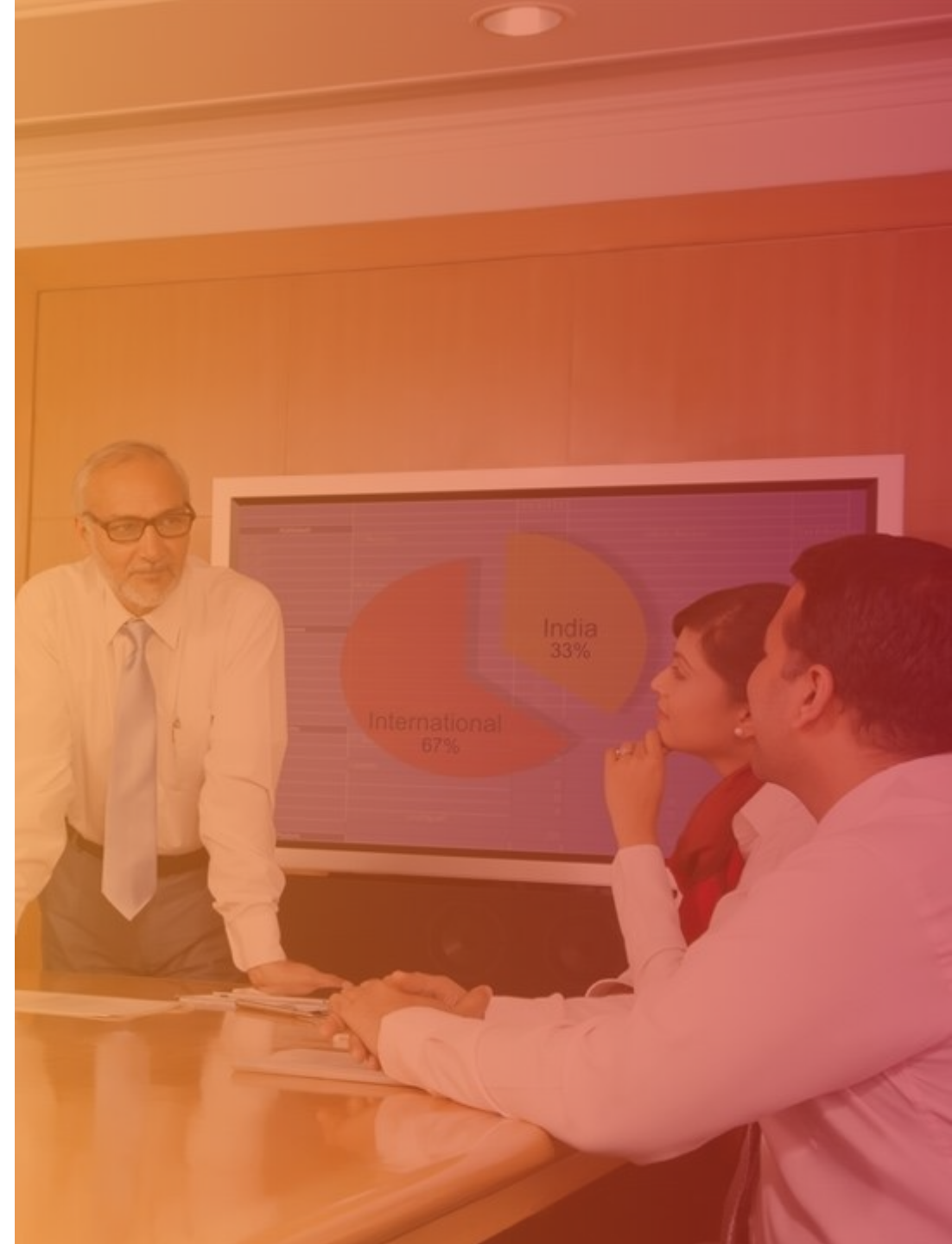
Program and Policy Advocacy

Improves the delivery of public services through the implementation and application of key emerging technologies

Skilling Academy

Presently offering classroom programs, hybrid and self-paced formats (available on iGOT).

Courses	Formats available
Introduction to Emerging Technologies	**Classroom-based | Self-paced on iGOT**
Data-Driven Decision Making for Government	**Classroom-based | Self-paced on iGOT**
AI for Digital Transformation	**Classroom-based**
Blockchain for Secure and Trusted Records	**Classroom-based | Self-paced on iGOT**
Drone Technology for Civil Administration	**Classroom-based**
Generative AI like ChatGPT	**Classroom-based | Self-paced on iGOT**
Prompt Engineering for Generative AI	**Classroom-based**

Our andragogy

Caters to the learning needs of our audience:

Interactive sessions with discussions on real-life case studies

360-degree content support after training

Live demonstrations of tools and hands-on exercise

Peer-to-peer and subject matter expert connects via our self-serve platform

Complementing theoretical knowledge with a solutions-focused approach
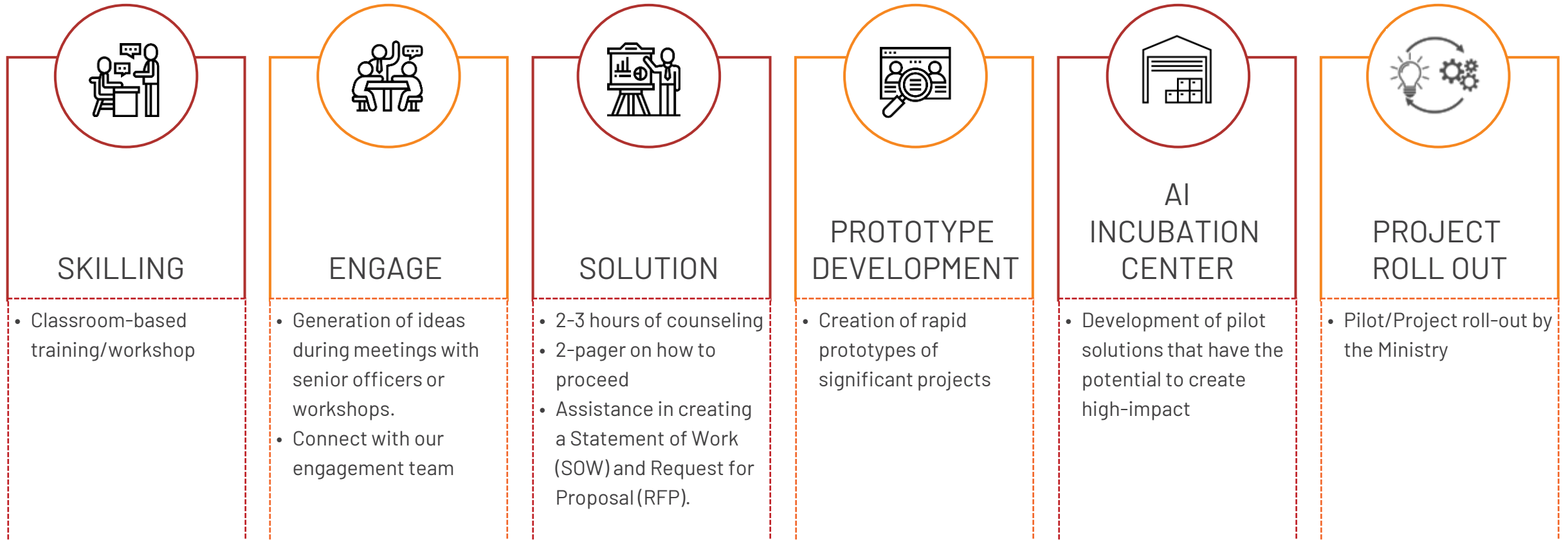
Incubation Center

Enabling digital transformation using emerging technologies for improving service delivery.

- Incubate good ideas that originate from government officials

- Every year, launch one national-scale DT initiative with Central Govt ministries that will measurably benefit over 100 million citizens.

- Launch 10 national or regional-scale DT initiatives each year with various Central and State Government departments, benefiting over 10 million citizens.

- Enable many Central/State ministries/departments to incubate and launch 100 high-impact DT initiatives/projects every year

- Consult, incubate, and pilot solutions for Central and State Governments, as well as Government Institutions

Strategy for skilling

Continuous engagement

SKILLING

- Classroom-based training/workshop

ENGAGE

- Generation of ideas during meetings with senior officers or workshops.
- Connect with our engagement team

SOLUTION

- 2-3 hours of counseling
- 2-pager on how to proceed
- Assistance in creating a Statement of Work (SOW) and Request for Proposal (RFP).

PROTOTYPE DEVELOPMENT

- Creation of rapid prototypes of significant projects

AI INCUBATION CENTER

- Development of pilot solutions that have the potential to create high-impact

PROJECT ROLL OUT

- Pilot/Project roll-out by the Ministry

Impact

5,000+
Government officials (Centre & State) trained in 1.75 years

120
Batches for our workshops in 11 states

300+
Validated ideas

15+
Projects

- Over 2,00,000 have completed our self-paced online course "Introduction to Emerging Technologies" on iGOT

- Masterclass in partnership with Mission Karmayogi, NeGD & IIM B with eight speakers including Nandan Nilekani (Q4-2022 & H1-2023)

- Partnered with Google, Microsoft, and IFFAAD for content (Q1-2023)

- Partnered with TN govt for the Umagine Chennai 2023 TechGov awards (Q1-2023)

- In a government press release, Union Minister Dr Jitendra Singh highlighted the initiative's role in training Civil Servants on emerging technologies

Impact numbers for a period of 14 months between September 2022 and October 2023.

We have over 30 training partners within the Government of India.

Recent projects initiated by our training participants

Solution Area	Impact Expected	Ministry/Department	Owner	Technology	Expected Go-Live
Early detection of Silicosis	Saving sand mine and stone carving workers' lives as late detection is nearly fatal Thousands of lives	Social Justice and Empowerment Department Government of Rajasthan	Principal Secretary	AI	Went live in October 2023
Jute Supply Chain and Price Traceability	Improved income for producers through elimination of intermediaries 4 million small/marginal farmers' families	JCI (Jute corporation of India) Ministry of Textiles	Deputy Manager, IT	Blockchain	January 2024
Jute Digital Auction Platform	Improved income for producers through elimination of intermediaries 400K farmers and 9K traders	JCI (Jute corporation of India) Ministry of Textiles	Deputy Manager, IT	Blockchain	TBD Project Tender in the approval stage
Traceability of Cotton Bales	Improved income through quality and geography-based pricing and counterfeit reduction 2 million cotton farmers	The Cotton Corporation of India Limited Ministry of Textiles	Chief Managing Director	Blockchain QR Codes	October 2023
Arbitrator allocation for Dispute Resolution	Early settlement and reduction of cases going to courts 2 million cases	Department of Consumer Affairs, Ministry of Consumer Affairs	Secretary	AI	TBD Project in Tender stage RFP Issued
Grievance Registration for National Consumer Helpline	Improved satisfaction of the consumers lodging grievances 700K cases annually	Department of Consumer Affairs, Ministry of Consumer Affairs	Secretary	AI	TBD Project in Tender stage EOI completed
Weights and measures certificates issuance	Efficient issuance and validation of Weights and Measures certificates Reduction of forgery	Legal Metrology Division, Department of Consumer Affairs, Ministry of Consumer Affairs	Secretary	Blockchain	TBD Project under implementation using NIC platform

To get the ideas on the possible use case of emerging technologies in various sectors, visit our YouTube channel or witp.wfglobal.org/case-studies

Program and Policy Advocacy

Helping officials to use new tech to enhance public services, policies, and impact measurement.

- Analyze policy issues across various ministries to identify and bridge gaps related to technology or with a technology component.

- Provide insights and recommendations on how technology can be applied in policy-making, implementation and outcomes measurement.

- Enhance the quality of public service delivery and establish methods to evaluate the effectiveness of policies.

- **Research topics:**
    - Government Digital Transformation
    - Data Security, Data Strategy, Data storage and sharing

Policy papers/briefs

Tech Policy

1. National Data Strategy for India
2. Accelerating Data Sharing and Access
3. Adopting Technology for Improving Adult Literacy
4. Chief Technology Officer for India
5. Policy Brief on Institutional Capacity and Design of IDMO

MSME Policy

1. Making India's Apprenticeship Ecosystem Covid-19 Compatible
2. Encouraging Small Business Procurement in Indian States
3. Cluster Development Policy
4. Tamil Nadu – Export Action Plan for TN Govt.
5. MSME Policy – A Comparative Study of draft MSME Policy of Punjab vis-à-vis policies of other leading States
6. MSME – Global Best Practices
7. Analyzing the Policy Landscape of the Indian Startup Ecosystem
8. A Model Comprehensive MSME Policy
9. Increasing Access to Finance

Our partners

500+ global partners

Thank you

If you have questions, get in touch with Sudhir Aggarwal

+91 98105 07655 | sudhir.aggarwal@wfglobal.org

www.wadhwanifoundation.org