

Innovative Design : Experiential STEM Training : Invention Education

1. Name: Dr Saurabh Kwatra Resolve

2. Current Status: Technical Head, trimmedinnovations.com

3. Recent Projects / Publications

a) Engineering by Design & Crowd Adaptive Mask showcased under Global Opportunities

MIT Innovation Initiative, MIT

https://innovation.mit.edu/c19rapidinnodash_globalproj/

#2 , #3 from top left on page

b) Subject Matter Expert (SME) Design & Electronic Manufacturing, IDEA Week 2020, EMBA, MIT.

CV link in (pl scroll page down!) : https://innovation.mit.edu/emba-idea-week_day1/

c) Three resources published as Working Papers, Laboratory for Innovation Science at Harvard, Harvard University <https://lish.harvard.edu/>

<https://innovationscienceguide.org/resources/almost-non-cut-irritation-free-shaving-razor>

<https://innovationscienceguide.org/resources/virus-developed-mask-virus-does-the-mask-task>

<https://innovationscienceguide.org/resources/crowd-adaptive-mask>

d) Reviewer (Active/Paid) : NASA Postdoctoral Program (NPP)

e) Previous CV as Facilitator, ImpactLabs Summer Workshop 2017

<https://impactlabs.mit.edu/summer-workshops/2017/facilitators-and-volunteers>

<https://daylighted634206810.files.wordpress.com/2018/01/mit-letter.pdf>

4. Honors/Associations

Global Panelist, MIT Technology Review

Queen Elizabeth Prize for Engineering Ambassador Council Member

Reviewer, Open Research Europe

5. Trimmed Innovations as Independent host/co-host of Solveathons

Lead Facilitator, Trimmed Innovations, as independent co-host of 'Global Virtual Solveathon 2021' dated May 13, 2021 in partnership with MIT Solve

Group facilitator, 'Trimmed Innovations', independently co-hosted 'Global Virtual Solveathon' dated June 4, 2020 in partnership with MIT Solve

Lead facilitator, 'Trimmed Innovations, independently hosted a Solveathon in Udaipur, India dated April 11, 2020. in partnership with MIT Solve

Mentor, Virtual HealthHACK, MIT Hong Kong, dated April 25, 2020

6. Charity projects: <https://engineering.church/xavier-mumbai>

7. Book published on product design : Springer Germany 2012
<https://www.springer.com/us/book/9788132207368>

8. Previously : Expert (2017-2020), Smart Growth Operational Program, European Commission Horizon 2020, National Centre for Research & Development, Warsaw, Poland

9. Formal Education:

D.Sc. (Innovation Management) 2017, Nelson Mandela University
Masters in Theory of Inventive Problem Solving, Institute of Innovative Design, Krasnoyarsk, 2010-14 followed by advanced training (online) in Ukraine and Poland.

Advanced Certificate in CAD/CAM, Dept . of Mech. Engineering, Indian Institute of Technology (IIT) Delhi, 2002

Advanced Industrial Design, Hero Global Designs, Hero Motors Limited , 2002.

