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| **[ANANYA SHETH](http://www.anansheth.com/)** | **Curriculum Vitae** |
| G230 Hampton Hall, Purdue University | last updated – 11/2020 |
| [sheth7@purdue.edu](mailto:sheth7@purdue.edu); [Github](http://www.github.com/sheth7); [GoogleScholar](https://scholar.google.com/citations?user=DHhwS5wAAAAJ&hl=en&oi=ao); [ResearchGate](https://www.researchgate.net/profile/Ananya_Sheth); [Website](http://www.anansheth.com/) |  |

**EDUCATION**

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| --- | --- |
| 2016 – 2021(exp.) | Doctoral Candidate & Research Assistant |
|  | The Innovation Science Lab at Purdue University |
|  | GPA: 3.75 |
| 2014 – 2016 | M.S. Civil Engineering |
|  | Purdue University |
|  | GPA: 3.83 |
| 2008 – 2012 | B.E. Civil Engineering |
|  | Manipal Institute of Technology, India |
|  | GPA: 3.50 |

**PEER-REVIEWED PAPERS**

|  |  |  |
| --- | --- | --- |
| 2020 | Sinfield, JV. Sheth, A. Kotian, RR. | Framing the Intractable: Comprehensive Success Factors for Grand Challenges  Sustainable Futures – Elsevier. [*10.1016/j.sftr.2020.100037*](https://doi.org/10.1016/j.sftr.2020.100037) |
| 2020 | Sheth, A., Sinfield, JV. | Systematic Problem-specification in Innovation Science using Language  *The International Journal of Innovation Science – Emerald. 10.1108/IJIS-03-2020-0019* |
| 2020 | Sheth, A., Sinfield, JV. | Swarm Modelling of Collective Leadership in Top Management Teams In-*revision – The Leadership Quarterly – Elsevier*  *Likely publication date: Spring 2021* |
| 2020 | Sheth, A., Sinfield, JV. | Simple Rules for Innovation Strategy  *Under-review – Technovation – Elsevier*  *Likely publication date: Spring 2021* |
| 2014 | Sheth, A.,  Goel, A.,  Pai, BV. | Properties of Concrete on Replacement of Coarse Aggregate and Cementitious Materials with Styrofoam And Rice Husk Ash  *American Journal of Engineering Research 2014, 3(1), 268-271.* |

**MANUSCRIPTS IN PREPARATION**

|  |  |  |
| --- | --- | --- |
| 2020 | Sheth, A. Sinfield, JV. | A Taxonomy of Enterprise Risks  *Journal of Risk Research – Taylor & Francis*  *Likely submission date: December 2020* |
| 2020 | Kotian, RR., Sheth, A., Sinfield, JV. | A Generalized Pattern for Issue Analysis: The case of small-medium enterprises in International Development  *Development Engineering – Elsevier*  *Likely submission date: Spring 2020* |
| 2020 | Ajmani, A.,  Sheth, A.,  Sinfield, JV. | Defining an Innovation Focus for Marine Renewable Energy in the USA  *The Marine Technology Society Journal*  *Likely publication date: Spring 2021* |
| 2020 | Sheth, A., Misra, K.,  Rayz, JT. | Linguistic AI in Generating Purpose-Contexts for Manufacturing  *Journal of Intelligent Manufacturing – Springer Nature*  *Likely submission date: Spring 2021* |
| 2020 | Sheth, A., Solis, F., Sinfield, JV. | Innovation Motifs for Design  *Design Studies – Elsevier*  *Likely submission date: Summer 2021* |
| 2020 | Sheth, A., Solis, F., Sinfield, JV. | Innovation Motifs and Strategy  *Innovation – Taylor & Francis*  *Likely submission date: Summer 2021* |

**REFEREED CONFERENCE PAPERS & TALKS**

|  |  |  |
| --- | --- | --- |
| 2019 | Sheth, A., Sinfield, JV. | Simulating Self-Organization during Strategic Change: Implications for Organizational Design  *Presented at the ACM – SIGCHI – Collective Intelligence Conference 2019, Carnegie Mellon University – Pittsburgh.* [*arXiv:2007.08521v1*](https://arxiv.org/abs/2007.08521v1) |
| 2018 | Sheth, A., Sinfield, JV. | Applying ‘simple-rules’ heuristics to simulate self-organized managerial adaptation to strategic change in three organizational designs  *Presented at the 34th European Group for Organizational Studies (EGOS) Colloquium at Tallinn, Estonia* |
| 2018 | Sheth, A., Sinfield, JV. | Towards proactive organizational change.  *Paper Development Workshop - Academy of Management (AOM) Chicago* |
| 2018 | Sheth, A., Sinfield, JV. | The theory of proactive organizational resilience.  *Paper Development Workshop - Academy of Management Review (AMR) – Haas School of Business, University of California Berkeley* |
| 2017 | Sheth, A., Sinfield, JV. | Swarm Intelligence and Organizations.  *Presented at the Society for Industrial and Applied Mathematics (SIAM) – Purdue Chapter* |

**REFREED POSTERS**

|  |  |  |
| --- | --- | --- |
| 2020 | Sheth, A., Sinfield, JV. | Towards Resilient Organizations- Beginning with a Typology of Risks *Purdue’s intramural annual Sigma Xi poster competition* |
| 2019 | Lin, YC.,  Lumpkin, D.  Sheth, A.,  Sinfield, JV. | Enabling Innovation in Action.  *The Civil Engineering Graduate Research Symposium – Purdue University* |

**OTHER PUBLICATIONS**

|  |  |  |
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| 2019 | Sheth, A., Sinfield, JV. | Enabling Innovation Insights Report for the *Proctor & Gamble Co.* |
| 2019 | Sheth, A., Sinfield, JV. | Enabling Innovation Implementer’s Guide for the *Proctor & Gamble Co.* |
| 2018 | Sheth, A., Sinfield, JV. | Synthesis Study: Overview of Readily Available Culvert Inspection Technologies – *Joint Transportation Research Program - The Indiana State Department of Transport (INDOT)* |

**GRANT WRITING EXPERIENCE**

|  |  |  |
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| 2020 | Co-PI | Doctoral Dissertation Research Improvement Grant – Decision, Risk, Management Science Division – *National Science Foundation*  *(awarded amount $* *37,975)* |
| 2016 | Fellowship | Kauffmann Foundation graduate research grant - *(not awarded)* |

**AWARDS**

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| 2019 | Sinfield, JV.,  Sheth, A., | Provisional Patent on Computational Natural-Language Processing for Issue Trees – *Purdue Research Foundation and USPTO* |
| 2019 | Travel grant | Purdue University Graduate School |
| 2015 | Scholarship | Construction Management Association of America – Chicago |
| 2012 | Finalist | Go Green in the City – Global Innovation Challenge  *Schneider Electric - Paris* |

**SERVICE**

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| 2020 | Team lead | Purdue Engineering Initiative on Innovation & Making –  Congregation of innovation resources at Purdue University and website design |
| 2016- 2018 | Co-chair | Professional development committee for the Civil Engineering Graduate Students Advisory Council (CEGSAC) – *Purdue University* |
| 2017-2020 | Reviewer | The Academy of Management (AOM) annual meeting |
| 2020 | Reviewer | The International Journal of Innovation Science |

**SKILL DEVELOPMENT WORKSHOPS**

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| * Writing Publishable Papers at the Purdue College of Engineering * eXtreme Science and Engineering Discovery Environment (XSEDE) workshops on using High Performance Computing resources provided by the XSEDE project |

**PROFESSIONAL MEMBERSHIPS**

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| * Academy of Management (AOM) * European Group on Organizational Studies (EGOS) * The Society for Decision Making Under Deep Uncertainty (DMDU) * International Society for Professional Innovation Management (ISPIM) * Association of Computing Machinery (ACM) * Purdue System Thinkers – Student Chapter of Purdue (INCOSE) * The Evolution Institute * Advanced Degree Consulting Club at Purdue |

**INDUSTRY WORK EXPERIENCE**

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| 2014-2016 | Assistant Program Manager | Purdue University Residences   * Built the UR Global program and Student Club. * Led trainings and conducted leadership workshops for 30+ student volunteers * Organized 30+ events for international undergraduate students’ development |
| 2012- 2014 | Assistant Project Manager | V-Create Architects, India   * Delivered two construction projects and played key roles in all phases of the construction life cycle. * Led the operations team to deliver 67,000 sft. of space on time and within budget, maintaining an optimum construction cycle |

**EXTRA-CURRICULAR ACTIVITIES**

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| * Karate – Goju Ryu * Art of Living – Purdue Chapter * Founding member – TATVAM – Global fusion music band at Purdue   + Performed 50+ music shows in Indiana and Illinois |