



Curriculum vitae

Dr.-Ing. Ramyah Gowrishankar

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EDUCATION

2020 November

DOKTORINGENIEUR (Dr.-Ing.)
Berlin University of the Arts

2015 August – 2020 November

Research fellow/ Doctoral Studies
ArcInTex ETN EU Project
Design Research Lab,
Berlin University of the Arts

2013 – 2015 June

Researcher
Embodied Design Research Group,
Dept. of Design, Aalto ARTS, Finland

2008 Aug – 2011 Dec:

MASTER OF ARTS IN NEW MEDIA
Media Lab Helsinki
Aalto University, Finland

2010 Aug – Oct:

INTERNSHIP
Design Research Lab, Berlin,
Germany.

2007 Jan – April:

STUDENT FELLOWSHIP
Institute of Advanced Media Arts and
Sciences (IAMAS), Gifu, Japan

2001 – 2006:

UNDERGRADUATE STUDIES
Professional Diploma in
Communication Design
Srishti, School of Art Design and
Technology, Bangalore, India.

AWARDS & SCHOLARSHIPS

2012 SIGCHI Finland Masters Thesis
Competition Winner

2011 Media Lab Helsinki graduate grant
awarded for MA thesis

2006 B.N Reddi Scholarship for
Undergraduate Diploma work

SELECTED PROJECTS

2015 “Engaging with e-static textiles:
An investigation into textile
interaction design for shaping
body-driven energy harvesting.”
Doctoral research, ArcInTex ETN
estatictextiles.cc arcintexetn.eu

2013 “Connected Textiles”
Researcher, EIT/ICT funded project

2012 “e-Crafts Collective”
e-crafts initiative with Kati Hyypä,
ecraftscollective.wordpress.com

2012 “Textiles interaction Lab”,
e-Textiles lab with Raija Jokinen,
Aalto University & Aalto Media
Factory, Finland.
textileintlab.wordpress.com

2011 “Designing Fabric Interactions”,
MA thesis in e-textiles, Media Lab,
Aalto University, Finland
DeFInt-MAthesis

PUBLICATIONS

2020 Gowrishankar, R. (2020). **Engaging with e-static textiles: An investigation into textile interaction design for shaping body-driven energy harvesting in the interior** [Universität der Künste Berlin]. <https://doi.org/10.25624/kuenste-1357>

2017 Gowrishankar, R. (2017). **Constructing triboelectric textiles with weaving**. Proceedings of the 2017 ACM International Symposium on Wearable Computers - ISWC '17. doi:10.1145/3123021.3123037

2017 Gowrishankar, R., Bredies, K., & Ylirisku, S. (2017). **A strategy for material-specific e-textile interaction design**. Smart Textiles, Human-Computer Interaction Series,

233-257.
doi:10.1007/978-3-319-50124-6_11.

- 2014** R. Gowrishankar and K. Bredies, (2014). **Investigating interaction design for e-textiles using case-transfer**. Proceedings of Ambience, Scientific Conference for Smart Textiles, 2014.
- 2013** Ramyah Gowrishankar and Jussi Mikkonen. (2013). **Pattern resistors: exploring resistive motifs as components for e-embroidery**. Proceedings of the 2013 International Symposium on Wearable Computers (ISWC '13). ACM, New York, NY, USA, 137-138.
DOI=10.1145/2493988.2494341
- 2011** Gowrishankar, R., Bredies, K., & Chow, R. (2011). **The Music Sleeve: Fabric as an electronic interface medium**. In Nordic Design Research Conferences.

WORKSHOPS & TUTORING

- 2019** **e-Static textiles: An introduction to working with static electricity and textiles @ IKEA Sweden**
Research presentation and workshop at IKEA headquarters in Älmhult, Sweden
- 2017** **Speculative design methods**
Teaching– one-week course at the Berlin University of the Arts, Germany
- 2015** **MA Thesis Supervisor**
Thesis title: Future Native submitted to Dept. of Media, Aalto University, Finland.
- 2013** **“e-Embroidery Workshop”**
e-crafts open studio and workshop with Kati Hyyppä, RIXC Media Space, Latvia. (Funded by State Culture Capital Foundation)
- 2012** **“e-Felting Workshop”**
Workshop on making soft circuits with needle felting, World Design Capital Pavilion, Finland.
- 2012** **“Textile thinking for electronics”**
e-Textile workshop with Raija Jokinen, Aalto ARTS, Finland. (Funded by Aalto Media Factory)
- 2012** **“Introduction to Textile Lighting and soft circuits”**
e-Textile workshop with Raija Jokinen, Aalto ARTS, Finland. (Funded by Aalto Media Factory)
- 2012** **“e-Embroidery workshop”**
Workshop on traditional embroidery and electronics, Pixelversity/Open design, crafts and manufacturing, Finland.

WORK EXPERIENCE

August 2015 - July 2018

ArcInTex ETN (<http://arcintexetn.eu>)
Marie Skłodowska-Curie funded EU project, grant agreement no. 642328
Berlin University of the Arts , Germany

PhD Research Fellow

January 2013- June 2015

Embodied design research group,
Dept. of Design, Aalto University, Finland

Researcher

May - September 2012

Arki research Group, Media Lab Helsinki, Aalto University, Finland

Research Assistant (part-time)

March - December 2012

TEXTILES INTERACTION LAB,
Aalto University, Finland.

Project Coordinator (part-time)

August - November 2010

DESIGN RESEARCH LAB,
Berlin, Germany

Intern

April 2008- July 2008

KITCHEN BUDAPEST
<http://kitchenbudapest.hu>
Budapest, Hungary

Artist in Residence

March 2008

GOING TO SCHOOL
<http://goigtoschool.com>
New Delhi, India

Freelance Designer

September 2007- December 2007

NOKIA DESIGN OASIS, Bangalore.
User Research and Concept development for Nokia Live India Project.

Project Team-lead

June 2007 - August 2007

ONWARD RESEARCH
Bangalore, India

Freelance Research Associate

March 2004

GLOBAL CONCERNS INDIA (GCI),
Bangalore, India

Freelance Graphic Designer

Feb 2006

HOLISTIC IT INSTITUTE
New Delhi, India

Visual Media Designer

EXHIBITIONS

- 2021** **“Engaging with e-static textiles”**
Designtransfer Showcase Exhibition
Vorspiel transmediale 2021
Einsteinufer 43, Berlin Germany
- 2014** **“Single Women’s e-Crowns”**
e-Crafts project with Kati Hyypä,
Ars Lieke 2014, Kouvola Art Museum
Finland
- 2013** **“Soft Radio”**
e-Textile prototype, Smart Textile
Salon, Belgium
- 2012** **“Designing Fabric Interactions”**
Interactive e-textile prototypes,
Master of Arts Exhibition, Finland

- 2010** **“Stand By”**
Group Exhibition
Open Up Workshop, Media Lab
Prado. Madrid, Spain
- 2009** **Responsive video installation**
Part of Gottberg-Kähre project
Amos Anderson Museum, Helsinki
- 2009** **“Hue Jump”**
Interactive installation (Group
exhibition)
Pixelache festival, Kiasma Gallery,
Helsinki, Finland
- 2008** **“Cross Connect”**
(Artist in residency work) Interactive
installation, with researchers from
Kitchen Budapest, Hungary
- 2007** **“ANDMirror”**
(Artist in residency work) Interactive
media installation, Institute of
Advanced Media Arts and Sciences,
Japan
- 2005** **“Hinges On”**
Responsive media Installation, with
students at Srishti,
Ars Electronica Campus Exhibition,
Linz, Austria.