



Chapter Leadership: Experience

Aswin Shibu

ICRA, Seattle 2015

Need for RAS Chapter

- ▶ IEEE College of Engineering SB
 - 2 Larry K Wilson Awards
 - 2 Student Enterprise Awards
 - 2 Darrel Chong Best Initiative Awards
 - 1 Outstanding Branch Counselor Award
 - 3 Richard E Merwin Computer Society Awards
 - Co-hosted Region 10 Student Congress 2011

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- ▶ Distinct lack of technical know-how & expertise
 - Funding is poor
 - Curriculum is handicapped
 - Resources are hard to obtain

Starting the Chapter

- ▶ PES or RAS?

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Starting the Chapter

- ▶ Alumni & Staff helped create a 3-year plan for the Chapter to grow and achieve targets
 - Year One: Learn
 - Year Two: Learn some more
 - Year Three: Build
- ▶ Had a look at all Chapter Resources available
 - Chapter Startup Grant - \$500
 - Local Chapter Support Grant - \$2000
- ▶ Started chapter with 18 members and I was interim-chair

Chapter Goal

Build up the skillset of 18 founder members so that they in-turn become 10x better than what they were a year ago

Chapter Activities

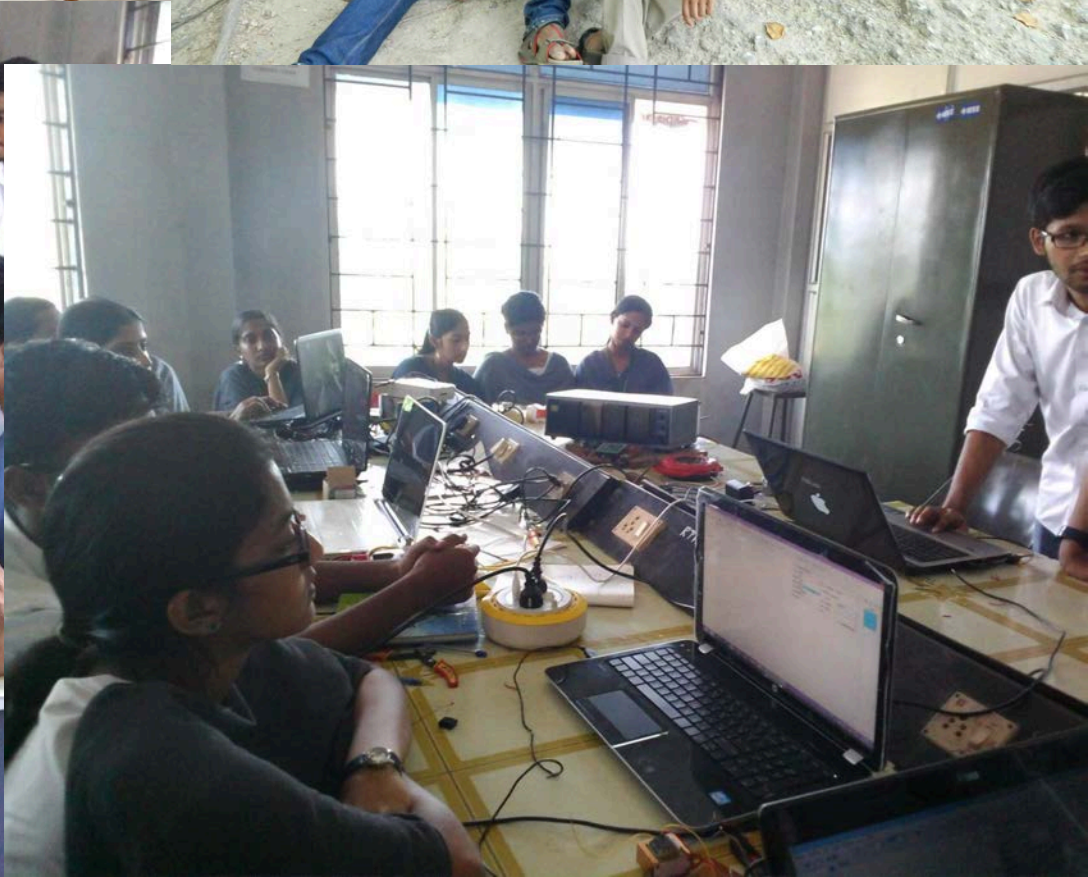
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 - Essentials of PIC programming
 - Soldering for Dummies
 - Email etiquette, resume and presentation tips

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 - Email etiquette, resume and presentation tips
 - Annual Activities
 - **Advanced Robotics Workshop**
 - Bonus Activities
 - Industrial Visit to ISRO









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- ▶ Student Branch
 - Mentoring weaker/newer student chapters
 - SIGHT Projects
 - General Awareness

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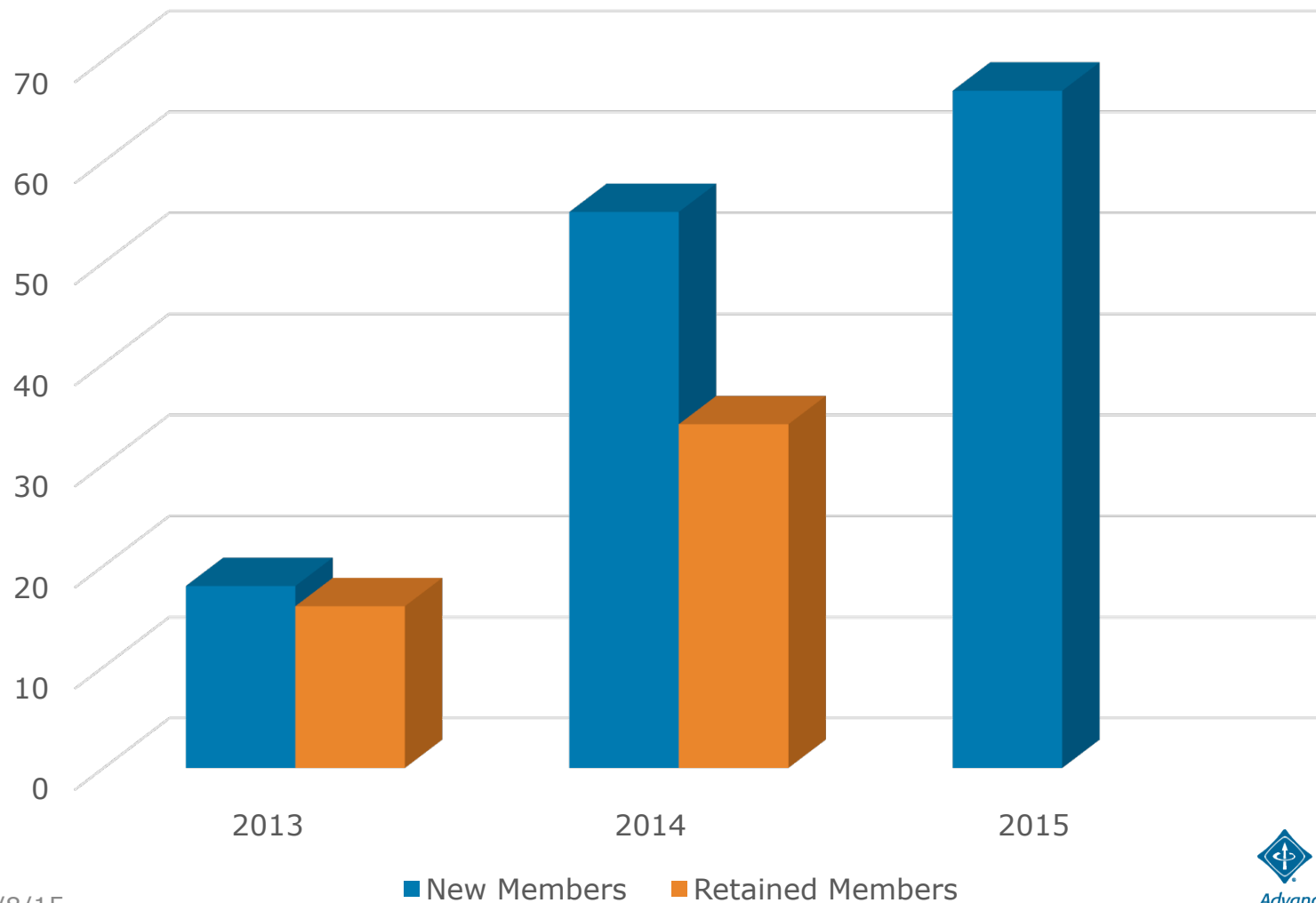
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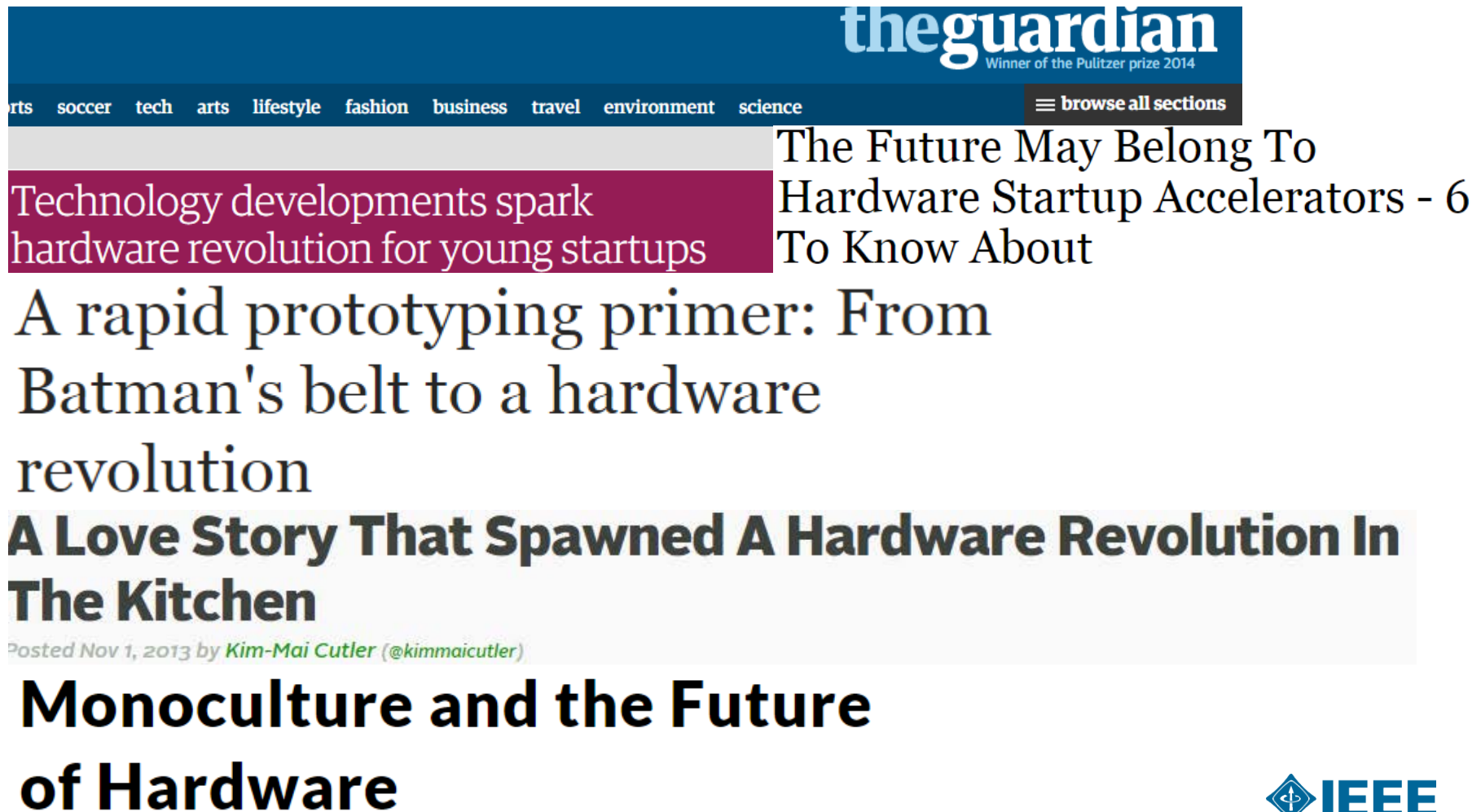
▶ Self

- Noticed and nominated as India Council SAC Chair 2015
- Founded hardware startup, co-founder was guest at the Advanced Robotics Workshop

Membership Statistics



The future is hardware



The Guardian
Winner of the Pulitzer prize 2014

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Technology developments spark hardware revolution for young startups

The Future May Belong To Hardware Startup Accelerators - 6 To Know About

A rapid prototyping primer: From Batman's belt to a hardware revolution

A Love Story That Spawned A Hardware Revolution In The Kitchen

Posted Nov 1, 2013 by [Kim-Mai Cutler \(@kimmaicutler\)](#)

Monoculture and the Future of Hardware

Why more focus is needed

Regional interest ?



		Region City
India	100	<div><div></div></div>
United States	59	<div><div></div></div>
Sri Lanka	52	<div><div></div></div>
Philippines	50	<div><div></div></div>
Singapore	50	<div><div></div></div>
Canada	43	<div><div></div></div>
Bangladesh	33	<div><div></div></div>

Google Trends for the term "Robotics"

Thank you
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