Dr. Aravind Vijayaraghavan — Curriculum Vitae

Reader in Nanomaterials
The University of Manchester, Department of Materials
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http://www.nanofunc.com/

Present appointments

08.2017 – Present	Reader in Nanomaterials	*University of Manchester*, Department of Materials, UK.
09.2010 – 07.2017	Lecturer in Nanomaterials	*University of Manchester*, Department of Materials, UK.
09.2018 – Present	Founder and Director	*Grafine Ltd.*, UK.
09.2017 – Present	Founder and Director	*Atomic Mechanics Ltd.*, UK.

Previous appointments

Nov 2009 – Aug 2010 *Massachusetts Institute of Technology*, Department of Chemical Engineering, USA
Senior Post-doctoral Associate

Jan 2006 – Oct 2009 *Karlsruhe Institute of Technology*, Institute of Nanotechnology, Germany
Alexander-von-Humboldt Research Fellow (2006 –2007)
Staff Scientist (2007 – 2009)

Education & qualifications

2005 Doctor of Philosophy (Ph.D.), Materials Engineering
Rensselaer Polytechnic Institute, Troy, NY, USA

2002 Master of Engineering (M.Eng.), Materials Engineering
Rensselaer Polytechnic Institute, Troy, NY, USA

2000 Bachelor of Technology (B.Tech.), Metallurgical Engineering
Indian Institute of Technology - Madras, Chennai, India

Publications and presentations

94 papers published in international, peer-reviewed journals with an H-index of 36 and i-10 index of 72
Co-authored 1 book and 2 book chapters
7 patents filed
Over 50 keynote and invited lectures at international scientific conferences

Awards

2017 British Science Association Media Fellowship
2103 Royal Society Pairing Scheme Award
2013 Joshua Philips Award for Innovation in Science Communication
2006 Alexander von Humboldt Research Fellowship
2000 Indian Academy of Engineers' Innovation Potential of Students Projects Award

Technology and knowledge transfer

2 Spin-outs established
Atomic Mechanics Ltd. (www.atomic-mechanics.com)
Grafine Ltd. (www.gra-fine.com)
Commercial products – inov-8 G-series graphene shoes (www.inov-8.com/graphene)
2013 – Present UK expert on ISO TS 80004-X. Nanotechnologies
2013 – Present UK expert on IEC TC113 committee.

Grants and funding

Raised over £5.5M in research grant funding (my share) out of a total of over £10M
7 active research grants (32 total) as PI, 1 active research grant (7 total) as Co-I
Total value of ongoing grants (my share) of £1.9M

Outreach and public engagement

Delivered over 50 public lectures on Graphene and 2-D Materials
Awarded the 2017 British Science Association Media Fellowship
Selected to participate in the 2013 Royal Society Pairing Scheme
2013 Joshua Phillips Award for Innovation in Science Communication