

Mahesh C. Gandikota

CONTACT INFORMATION	Physics Building, Sims Drive Syracuse University Syracuse, NY - 13210 USA	mcgandikota@gmail.com mcgandikota.github.io
EDUCATION	Ph.D., Physics , Syracuse University, Syracuse, NY, USA Dissertation Advisor: Prof. J. M. Schwarz G.P.A.: 3.7/4.0 Integrated M.Sc., Physics , NISER, Orissa, India National Institute of Science Education and Research Thesis Advisor: Prof. Somendra Bhattacharjee, Ashoka University, Bihar, India G.P.A.: 8.2/10.0 Twelfth grade board exam , National College, Bangalore, India Marks: 81% Tenth grade board exam , HJKP, Bangalore, India Marks: 97.4%	2015 - Present 2015 2010 2008
EMPLOYMENT	Research Assistant , Department of Physics, Syracuse University, USA Teaching Assistant , Department of Physics, Syracuse University, USA	August 2016–Present August 2015–Present
PUBLICATIONS	2. M. C. Gandikota , Katarzyna Pogoda, Anne van Oosten, T. A. Engstrom, A . E. Patteson, P. A. Janmey, J. M. Schwarz (2020) <i>Loops versus lines and the compression stiffening of cells, Soft Matter</i> . 16(18) 4389-4406 [arXiv:1908.03725]. 1. S. Paul, M. C. Gandikota , (2017) <i>Fourier Transform of Electric Signal using Kundt's Tube, Student Journal of Physics</i> . 6(2) ,95-100 [arXiv:1603.09007].	
TEACHING EXPERIENCE	Recitations/Substitute Lecturer PHY 216, General Physics II for honors and majors PHY 212, General Physics II PHY 211, General Physics I Labs AST 101, Our Place in the Universe PHY 102, Major Concepts of Physics II Grading/Substitute Lecturer PHY 635, Physical Cell Biology PHY 360, Vibrations, Waves and Optics	Spring & Fall 2017, Spring 2018 Spring & Fall 2016 Fall 2015 Fall 2020 Spring 2019, 2020 Fall 2018 Fall 2018
MENTORING	Undergraduate Students Alexandra Brown (REU program)	Summer 2016

LANGUAGES

Human: English (fluent), Hindi, Telugu (mother tongue), Kannada (native).

Computer: Experience in C++, Python, MATHEMATICA.

Markup: \LaTeX , Markdown, HTML, CSS.

Operating System: Linux, Windows.

HONORS AND AWARDS

Summer Graduate Fellowship, Soft Matter Program, Syracuse University **Summer 2017**

Henry Leinstein Fellowship, Physics Department, Syracuse University **Summer 2016**

All India Rank 24, Graduate Aptitude Test in Engineering (GATE) **2015**

Summmer Research fellow, Indian Academies of Sciences **Summer 2012**

INSPIRE fellowship, Department of Science and Technology, Government of India **2010-15**

CONFERENCES/ WORKSHOPS

APS March Meeting, oral presentations. **2017, 2018, 2019, 2020**

Soft Matter Summer School, University of Massachusetts, Amherst. **2017**

Mansoon School: Physics of Life, National Centre for Biological Sciences, Bangalore. **2013**

Summer School in Experimental Physics, NIUS - HBCSE, TIFR. **2012**

PROFESSIONAL ACTIVITIES AND SERVICE

Moderator, APS Conference for Undergraduate Women in Physics, Syracuse University. **2016**

Volunteer, Photographer, Active and Smart Matter conference, Syracuse University . **2016**

Volunteer, Science Day, annual joint outreach program to high school students, NISER, IOP, Bhubaneswar. **2011, 2012, 2014**

NON-ACADEMIC ACTIVITIES

President, Argentine Tango Club, Syracuse University. **Fall 2017 - Fall 2020**

Editorial Board, Jignasa, annual magazine of National Institute of Science Education and Research, Bhubaneswar. **2014**

REFERENCES

J. M. Schwarz, Associate Professor of Physics, Syracuse University
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