

EDUCATION

IISER Thiruvananthapuram

BSMS Dual Degree (Chemical Sciences)

Trivandrum, India

2011-2016

Arena Animation Academy

Graphic Design and Animation

Trivandrum, India

2016-2017

SKILLS

Illustration and Animation

(2D and 3D)

Public Speaking/ Teaching

SOFTWARES

Blender

Adobe Illustrator

After Effects

Photoshop

Chimera, Pymol

LINKS

linkedIn://rafeequemavoor

twitter://rafeequemavoor

youtube://scidart

Portfolio Website: www.rafeeque.com

PUBLICATION

Sustainable development of graphitic carbon nanosheets from plastic wastes with efficient photothermal energy conversion for enhanced solar evaporation, *Journal of Materials Chemistry A* · Apr 27, 2022

EXPERIENCE

JoVE (Journal of Visualized Experiments)

Motion Graphic Designer, (April 2022 - Present)

Bangalore, India

IISER Pune

Science Illustrator (Jan 2019 - March 2021)

Pune, India

IISER Thiruvananthapuram

Scientific Assistant, Scientific Illustration, (Aug 2016 - Jan 2019)

Scidart Academy

Founder | Graphic Design Training for Scientists and Engineers

Aug 2021 - Present

IIT Madras

Freelance Science Illustrator | Shaastra Magazine

May 2022 - Present

Chennai, India

WORKSHOPS

Topic: Blender for Scientific Illustration, Scidart Academy

Trained 500+ researchers to use blender for science illustration

Also, Conducted workshops at the following Institutes:

IIT Gandhinagar, IIT Guwahati, IISER Thiruvananthapuram, IISER Berhampur, IISER Pune, IISER Bhopal, IIT Kanpur, Cusat cochin, St. Xaviers College Mumbai, CCMB Hyderabad.

RESEARCH

- Genetic Screen for Identifying Novel Genes in the Drosophila Insulin Producing Neurons that Regulate Nutrient Homeostasis. (Jan-Apr 2015)
- Optimal Foraging and Navigation Strategies in Ants, 2012
- Synthesis of Hierarchically Porous Metal-Organic Frameworks Using Soft Templating Methods, (IISER Thiruvananthapuram, 2015-2016)

TEACHING

- Scientific Illustration Masterclass, Scidart Academy, May to June, 2022
- Science Illustration and Video Production, PhD coursework, National Centre for Cell Science, Pune (Planned for Sep 2022)