



Rafeeqe Poolamuri Pottammel

Curriculum Vitae

PERSONAL INFORMATION

DOB : 28 May 1994
Nationality : Indian
Gender : Male

PROFESSIONAL EXPERIENCE

Jan 2019 - Present

Technical Assistant (Scientific Illustration and Animation)

Science Media Centre, Indian Institute of Science
Education and Research Pune, (Jan 2019- Present)

- Creating scientific illustrations and animations for science media production.
- Handling video projects from concept to finish.
- Take-up institute administrative duties time to time.

Scientific Assistant (Scientific Illustration)

Indian Institute of Science Education and Research
Thiruvananthapuram, (Aug 2016 - Jan 2019)

- After Graduation, I got the opportunity to work in the research group of Prof. K. George Thomas, where I acquired the foundations in creating illustrations and animations for communicating scientific research.

PORTFOLIO

Scidart.com

ACADEMIC DETAILS

2011 - 2016

BS-MS Dual Degree (Chemical Sciences)

Indian Institute of Science Education and Research Thiruvananthapuram (IISER-TVM), Kerala, India, Over all CGPA-7.72, after opting chemistry major-8.33.

2009 - 2011

Higher Secondary Education

Chennamangallur Higher Secondary School, Chennamangallur, India. Percentage of marks-93.2%, among top 1% of higher secondary board kerala.

2016 - 2017

Graphic Design and Animation

Arena Animation Academy, Thiruvananthapuram, India

RESEARCH EXPERIENCE

2015 - 2016

Master's Thesis in Chemistry

Synthesis of Hierarchically Porous Metal-Organic Frameworks Using Soft Templating Methods.

Jan-Apr, 2015

Minor Thesis in Biology

Genetic Screen For Identifying Novel Genes in the Drosophila Insulin Producing Neurons that Regulate Nutrient Homeostasis. (Jan-Apr 2015)

Internships

Aug-Nov, 2012	Optimal Foraging and Navigation Strategies in Ants.
Summer, 2014	Thiol Functionalised Viologens: For Investigating Competitive Electron/Hole Transfer from CdSe Quantum Dots.
Summer, 2013	Energy Level Modification of CdSe Quantum Dots in the Presence of an Electron Donor and an Acceptor.
Winter, 2012	Synthesis of Rippled Gold Nanoparticles by Varying Ratio of Ligands.

WORKSHOPS AND CONFERENCE PARTICIPATION

Sixth Science Conclave, A Congregation of Nobel Laureates and Eminent Scientists, Organized by IIT Allahabad, Dec 8-14, 2013.

8th Asian Photochemistry Conference, Nov 10-13, 2014
Thiruvananthapuram, Kerala, India.

ACHIEVEMENTS

- Created illustrations for more than 40 international scientific research publications.
- Secured INSPIRE fellowship by Department of Science and Technology, Government of India. 2011-2016.
- Two time finalist in Personality Contest 'Domitor', Organized by IISER TVM.
- Champion in Free Running Championship 'Wipe Out', Organized by CET-Trivandrum, 2015.

EXTRACURRICULAR ACTIVITIES

- IISER TVM science fest 'Anvesha' organising committee member, 2012.
- Founding member and Co-ordinator of IISER-TVM bicycle club, 2014-2016
- IISER TVM Cultural committee member, 2014-2015.

LANGUAGES

Malayalam (Mother tongue), English

SOFTWARES

Adobe Illustrator, Photoshop, Blender, After Effects, Premiere Pro, UCSF Chimera

INTERESTS

Swimming, Cycling, Arabic Calligraphy

REFERENCES

Prof. K. George Thomas
Professor,
School of Chemistry,
IISER Thiruvananthapuram,
E-mail: kgt@iisertvm.ac.in

Dr. Kana M. Sureshan
Associate Professor,
School of Chemistry,
IISER Thiruvananthapuram,
E-mail: kms@iisertvm.ac.in