

# ANANTHU SUNIL



## CONTACT

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## SKILLS

### Knowledge:

Particle Physics, Quantum Field Theory, Pure Mathematics, English Literature History, Basic Physics, Cultural Studies

### Creative:

Rap, Music production, Poetry, Short Story, Screenplay, Video Editing

### Computational:

Wolfram Mathematica, LaTeX, Python, GNUplot

## EDUCATION

### MA in English (Cafeteria)

The English and Foreign Languages University, Hyderabad, Telangana (India)

2022 - Present

General English Major  
Ongoing

### BSMS Dual Degree Program - Physics

Indian Institute of Science Education and Research (IISER) - Thiruvananthapuram, Kerala (India)

2017 - 2022

Physics Major  
Mathematics Minor  
Passed with **7.90 CGPA**.

### Higher Secondary Education

Kendriya Vidyalaya Rubber Board - Kottayam, Kerala (India)

2015 - 2017

Passed with **93.6%** in Central Board of Secondary Education exam.

### Higher Education

Kendriya Vidyalaya Rubber Board - Kottayam, Kerala (India)

2014 - 2015

Passed with **CGPA 10**.

## WORK AND RESEARCH EXPERIENCE

### ALTA/SALT EMERGING TRANSLATOR MENTORSHIP PROGRAM 2024

Selected for the Mentorship Program organised by the American Literary Translators Association (ALTA) in association with the South Asian Literature in Translation Project

June 2021 - Present

• Translating the Malayalam novel Gobaraha by Ramesan Mullasery into English under the guidance of the renowned translator Jayasree Kalathil.

### MALAYALAM TO ENGLISH TRANSLATOR Freelancer at Fiverr

June 2021 - Present

### 25+ projects successfully completed on Fiverr

• Working as a freelancer on the platform Fiverr as a Malayalam to English and vice versa translator. Have taken diverse projects including legal documents and video script translation.

### CONTENT WRITER

Content Writer for Infig Content Hub, Ernakulam

Oct 2022 - Nov 2022

• Assisted students prepare Statement of Purposes (SOP) and Visa Applications for application to universities abroad.

# HOBBIES

Reading

Creative Writing

Football

Rapping

Songwriting

## JUNIOR RESEARCH FELLOW (JRF)

Passed UGC-NET July 2023 examination

July 2023 - Present

Cleared the examination with a percentile score of 99.833

•Cleared the eligibility examination for the prestigious JRF Fellowship granted by the University Grants Commission (UGC) for the subject English during the UGC NET June 2023 All-India examination.

## MAJOR PROJECT AT IISER TVM

Under the guidance of Dr. Mathew Arun Thomas, IISER, Thiruvananthapuram (Kerala)

Aug 2021 - Apr 2022

**Project Title: "Effect of SMEFT at 1-Loop on the Low-Energy Observable  $L_{e\gamma}$  and matching with Leptoquarks".**

•The bounds on LEFT operators were calculated from low-energy experiments data

•Matching to Standard Model EFT and Renormalization Group run was done using DsixTools, and lower bounds of SMEFT operators calculated

•The lower bounds of scalar LeptoQuarks were estimated from the SMEFT bounds.

## RESEARCH INTERNSHIP

Under the guidance of Dr. K Indulekha, M.G University, Kottayam (Kerala)

May 2018-Jul 2018

**Project title: Theoretical experiment regarding diffraction grating**

• Studied theory of optics and diffraction.

• Theoretically found the equations and parameters involved in determining the extent of diffraction by a diffraction grating under changing refractive index of the medium.

• Observed varying diffraction spectra of air and water as diffraction media.

## SUMMER CAMP AND WORKSHOP

Conducted by the Raman Research Institute(RRI), Bangalore

21 Jun-7 Jul 2019

•Participated in Camp for Hands-on Experience in Radio Astronomy (CHERA) at Gauribidanur Observatory, Karnataka conducted by Raman Research Institute(RRI), Bangalore.

•Involved in lectures on astronomy, practical and computational projects on the tenets of radio astronomy.

# WRITING AND CREATIVE ENDEAVOURS

## BLOG

### SUNDARAN AS PROPHET

Running a blog posting science and self-help content for a general audience on Blogspot.

Link: <https://sundaranasprophet.blogspot.com>

May 2022-Present

## YOUTUBE CHANNEL

### Sundaran

Making rap songs on science topics and posting lyric and music videos on Youtube.

Link: <https://www.youtube.com/channel/UCJomS5uuqGeyIctHMqcBxog>

June 2021-Present

**RAP SONG PROMO VIDEO**  
**IshyaFunk ft Sundaran**

Mar 2022

Wrote, directed and acted in an original rap song for college cultural fest ISHYA 2022 promotion.

Link: <https://www.youtube.com/watch?v=GSTRZbD-aI8>

## **EXTRACURRICULAR**

- Active performer of rap songs at college, cover songs and original, under the monicker Sundaran.
- Participant and winner in creative writing competitions. Represented IISER Thiruvananthapuram in inter-IISER cultural meet (IICM 2020).
- Received Cultural Citation Certificate for contribution to creative efforts at IISER Thiruvananthapuram.
- Participant in football tournaments.
- Keyboard player in college and school cultural events, solo and as part of a band.