

Curriculum Vita

BALWADE MAHESH BALAJI

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Date of Birth: 8th November 1995



Entrance exam result:

- Got AIR 109 in UGC JRF(NET) in Physical Science in June 2019
 - Qualified in Maharashtra SET in Physical Science in June 2019
 - Qualified in GATE Physics in 2021
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Teaching experience:

- Teacher assistant (TA) in b.tech. first year physics lab during 2022 to 2024 at IIT Bombay.
- Taught Physics to Junior College student at Vision 40 IIT Academy, Amberpet Hyderabad from 20/8/2019 to 10/10/2019.
- Taught English to high school student at Master Academy, Latur from 20/6/2018 to 20/9/2018.

Academic exam result:

- ❑ Left incomplete in doctor of philosophy (Ph.D) in Physics at IIT Bombay during from 2020 to 2024. Topic: 'Theoretical study of the electronic structure of ordered and disordered topological materials using first principle'
- ❑ Completed in **Master of Science (Physics)** in **first class** (61.2%) at University of Hyderabad in May 2018.
- ❑ Achieved 80.08% (**Distinction**) in the **Bachelor of Science (Physics)** in 2016 from Fergusson College, Pune which is affiliated to Savitribai Phule Pune University.
- ❑ Scored 69.83% (First Class) in the Higher Secondary Certificate (12th Standard) exam in 2013 at Dayanand Junior Science College Latur.
- ❑ Scored 87.88 % (Distinction) in the Secondary School Certificate (10th Standard) exam in 2011 at Shivaji High School Latur.

Research experience:

- Studied and calculated electronic structure of topological materials using Density functional theory.

Achievements:

- Awarded **SWAMI VIVEKANAND AWARD** by Shivaji high school Latur in 2011. It is given annually to excellent and topper student in school.
- Achieved first rank in Vishwa general knowledge competition-2010 which is organized by Vishwa education society Latur. It was district level contest related to Science, Mathematics and English