

S AKSHAY

BIOCHEMISTRY STUDENT

CONTACT

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EDUCATION

2015 -2016

Class 10 – ST. Alphonsas
High School, Hyderabad
CGPA- 6.8

2016-2018

Intermediate education – Sri
Chaitanya Junior Kalashala,
Hyderabad
CGPA- 66.1

2018-2021

B.Sc. BCBT – Vivekananda
Degree College, Hyderabad
CGPA-7.80

2021-2023

M.Sc. Biochemistry – REVA
University, Bengaluru
CGPA- 7.58

KEY SKILLS

Isolation and extraction
techniques
Electrophoresis

PROFILE

Enthusiastic Biochemistry student with wide knowledge in analytical and computational skills seeking for job so that I can advance my research knowledge and contribute for scientific community.

EXPERIENCE

Aug 22 – Oct 22 **In-silico analysis of Begomovirus on Pumpkin Intern UHS Campus College of Horticulture**

Role -: Performed In-Silica analysis on Protein of Begomvirus affecting Pumpkin.

- Performed molecular docking using some phytochemicals related to Pumpkin on Begomvirus Proteins.
- Later we analyzed the ADMET of the Phytochemicals to confirm which ligand is further suitable for In-vivo studies.

Dec 22 – Feb 23 - **In-silico screening studies of inflammatory protein related arthritis patients Project REVA University**

Role -: Performed In-silica analysis of inflammatory Protein causing arthritis.

- Performed Docking and KEGG analysis of Inflammatory protein.

In-silico analysis

Western Blotting

Flow-Cytometry

HPLC

Analytical Techniques

Bone Marrow cell culture

Karyotyping

FISH

Peripheral Lymphocyte
culture

INTERESTS

Reading ,Traveling, Writing

Workshop and conference

1)Omics logic -PINE Biotech

2)Indian- Economy

Contemporary Perspectives –

IIT Khanpur

3)HPLC workshop- REVA
university

• Performed ADMET and LD50 analysis of
Inflammatory Protein

**10th Aug 23 – 26th Aug 23 – Internship on flow-
cytometry and basic animal cell culture Intern
Manipal School of life science Udipi**

Role-: Performed Flow Cytometry
Western Blotting

Basic Animal Cell culture

**14th December 23 – Present – Course on
Cytogenetics. ST Johns Hospital**

Role-: Bone Marrow Cell culture

Karyotyping

FISH (Fluorescence in situ hybridization)

Peripheral Lymphocyte culture