

CHETANA VIPPARLA

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To work hard with full dedication for the achievement of organization objective under satisfying job contact, hence enhancing my skill and knowledge and ready to learn new things.

EXPERIENCE

FEB,2020 – DEC,2021

RESEARCH ASSOCIATE, IOUT PRIVATE LIMITED

- Designed survey instruments and questionnaires to obtain desired research data.
- Conducted research and experiments and test, documenting changes in in-depth reports.
- Directed study approaches by recommending, developing, and executing strategies.

NOV,2016 – MAR,2017

INTERN, IGY IMMUNOLOGIX

Trained and performed experiments, collect results, and evaluate data that obtained at the R&D

EDUCATION

DECEMBER.2019

MASTER OF TECHNOLOGY, BIOTECHNOLOGY

Andhra university, Visakhapatnam

GPA: 82.2%

MARCH,2017

BACHOLER OF TECHNOLOGY, BIOTECHNOLOGY

Vignan's university, Vadlamudi

GPA:74.49%

MARCH,2013

INTERMEDIATE, BI.P.C

Sri Chaitnaya Junior college, Vijayawada

GPA:81.8%

MARCH, 2011

10, ICSE

St. Anns school, Ponnur

GPA: 68.5%

SKILLS

- Microbiology techniques such as media preparation, staining, streaking and sub-culturing
- Analytical techniques such as agarose gels, SDS PAGE, cell counting, DNA extraction, blood grouping etc.
- Acquired ability to handle instruments such as Electrophoresis, microscope, gel documentation, UV visible spectrophotometer
- Immunology experiments such as blood staining, cell counting, ELISA
- Industrial biotechnology techniques such as protein extraction, precipitation, quantification, and evaluation
- Protein estimation methods.
- Well versed with computers and tools such as MS office
- Chromatographic techniques

PROJECTS

Title: Evaluation of Indian food tradition and religion for their health benefits- Panchamrutham as a case

Description: Using the traditional foods trying to bring the ayurvedha tradition back. This was done by taking 40 members as volunteers. The panchamrutham, chawnpyrush as standard was fed to them for 15 days, and the blood samples were taken. They were examined and the count in immune cells have been increased equal to chawnpyrush.

Title: Raising Antibody in chicken against specific bacteria.

Description: In this project the IgY antibodies were grown in white lehor birds against *Enterococcus faecalis* and *Salmonella typhimurium*. These specifically of these antibodies were tested using ELISA and later used for detection of antigens from *E.coli* and *S.typhimurium* in clinical trials.

Title: Sesame oil cake: an ideal substrate for the production of laccase enzyme by soil bacterial isolate under solid state fermentation

Description: Laccase producing bacteria were isolated and screened from the garden soil. The potential bacterial isolate was used to screen various agro residues as solid substrates for maximum laccase production. Using the potential isolate and potential substrate the process parameters were optimized to attain the maximum production of laccase.