



CHANDRA KALA THOTA

Address for communication:

D/O T Konda Reddy , Yerraguntla (V&P), Garladinne (M), Anantapur (D), Andhra Pradesh (S), 515731.

Academic qualifications

- M.Sc. in Biotechnology from Sri Venkateswara University, Tirupati, AP, 2019-2021
- B.Sc. (BtMC) from Sri Venkateswara Degree & PG college Anantapur, AP with CGPA- 8.35. 2016-2019
- Intermediate (MBIPC), from Jawahar Navodaya Vidyalaya, Lepakshi, Anantapur, AP with 75% 2014-2016

Project Experience

Project title:

- Isolation, optimization and antimicrobial activity of *Lactobacillus* spp. isolated from milk products against clinical pathogens.

Project summary:

- Project mainly aimed to study the inhibitory activity of secondary metabolites produced by *Lactobacillus* against *chromobacterium* and identification and estimation of metabolites produced.

Summer internship

Organisation: Agri biotech foundation, PJTSAU Campus, Rajendranagar, Hyderabad.

Duration: one month

Project title: Effect of Bacterial Inoculation on Plant Osmolytes under Drought Stress

Project summary:

- Studied plant growth promoting properties of isolate BPB28 obtained from Microbial GenBank of Agri Biotech Foundation, Hyderabad.
- Transformation of green fluorescence protein gene into BPB28 and fluorescence microscopy.
- Plant studies under drought stress and detection of sugars as drought protectants

Professional summary

- Disciplined and passionate
- Motivated to learn, grow and excel in life sciences.

Place: Anantapur

Mobile: 9121719335

Mail: thotachandrakala2@gmail.com

DOB : 10th FEB 1999

Achievement

- Qualified in **GATE BT 2021 - Gate Score (379)**
- **NCC B** certificate completed.

Languages known

- English
- Hindi
- Telugu

Key skills _____

- Patience
- Team spirit
- Quick learner
- Flexible
- Ready to learn new details
- Confident about completing the work on time

Hobbies _____

- Listening to the seminars in TEDX
- Helping parents in agricultural field.
- Travel in vacations if time permits
- Cooking
- Playing basketball

Technical skills _____

- **Microbial techniques:** Sterilization, Microbial cell culturing, biochemical tests, Antimicrobial assay, Protein purification.
- **Histology:** WBC (human), ABO blood grouping, RBC count, Light microscopy, Haemocytometer.
- **Molecular techniques:** plasmid DNA and genomic DNA isolation, PCR, Blotting techniques, gel electrophoresis, SDS PAGE, UV Spectrometry, TLC, Ultra centrifugation, filter sterilization, vacuum filtration, molecular cloning, transformation techniques- heat shock method and electroporation, Nano drop method,
- **Plant tissue culture:** Micropropagation

Certifications: _____

- Certified in training course on “**Recent Techniques in Molecular Biology**” held at Agri Biotech Foundation, ARS Campus, Reddipalli, Anantapur during September, 2016 & 2018.

Workshops and conferences _____

- Participated in Workshop on “**Next generation of Young Entrepreneurs**” 8 Dec-2018, SSBN Anantapur.
- Attended National conference on “**Recent trends in Biological Chemistry**” at 31st Oct-2019, SV University, Tirupati.
- Presented paper entitled “**Plant microbe interactions**” in National seminar on “**Emerging trends and opportunities in Chemical sciences & Biotechnology**” held during 4th&5th Jan, 2019, govt. College(A), Anantapur.
- Presented paper entitled “**Gender related violence and atrocities against women**”, in 2-day National seminar on “Women stalwarts of India- Role in Nation development”, held on 9th&10th February-2017, Govt. college (A), Anantapur.
- Presented a paper entitled “**Synthetic organic chemistry**” in two-day national seminar on “**Role of Chemistry in Human health & Environmental protection**”, held on 30th&31st January, 2017, Gov. college(A), Anantapur.

Computer skills _____

- MS Office

Declaration _____

I hereby assure that the information above is true to the best of my knowledge.

- T Chandra Kala