

# **Maris Stella College (Autonomous), Vijayawada**

## **Department of Biotechnology**

### **Profile of Dr. Kishore Babu Merakanapalli**

**Name:** Dr. Kishore babu Merakanapalli

**Educational Qualification:** B.Sc., M.Sc., MBA, Ph.D.

**Designation:** Assistant professor, Sciences research cell

**Years of experience:** 2

**Maris Stella College:** 1 month

**Other Institutions / industries:** Prathista industries limited

**G Suite Email Id:** drmkishorebabu@marisstella.ac.in

**Email Id:** [m.kishorebabu111@gamil.com](mailto:m.kishorebabu111@gamil.com)

**Contact No:** +91 9052104552

**Languages Known:** Telugu, English

**Areas of Interest:** Biotechnology, Agriculture Biotechnology, Microbiology, Biochemistry,  
Instruments Handling,

#### **ACADEMIC RECORD:**

---

<b>Degree</b>	<b>Institution and Location</b>	<b>Completion Date MM/YYYY</b>	<b>Completion Date MM/YYYY</b>
<b>Ph. D</b>	Acharya Nagarjuna University, Guntur, Andhra Pradesh, India	08/2023	Biotechnology

**Dissertation: Studies on In-vitro antagonism of Native isolated Actinomycetes Species against fungal pathogens in Black gram crops.**

**Advisor: Dr. A. Krishna Satya**

<b>MBA (Finance)</b>	Acharya Nagarjuna University Guntur, Andhra Pradesh India	05/2023	Finance (Distances)
<b>M. Sc Biotechnology</b>	Acharya Nagarjuna University, Guntur, Andhra Pradesh, India	06/2015	Biotechnology
<b>B. Sc (Biotechnology)</b>	Acharya Nagarjuna University, Guntur, Andhra Pradesh, India	06/2013	Biotechnology, Biochemistry Chemistry
<b>SCC</b>	Z.P.H. School, Eamni	07/2008	



## **POSITIONS AND EMPLOYMENT:**

**04/2017 – 03/2022** **JRF** (Junior Research Fellow) & **SRF** (Senior Research Fellow), UGC-RGNF. Department of Biotechnology, **Acharya Nagarjuna University**, Guntur, Andhra Pradesh, India.

**M. Sc Project:** Fermentative production calcium propionate by using *Propionibacterium*

**Work experiences: - QC Microbiology** (25.05.2015 to 01.06.2016), **Prathista Industries Limited.**

**Interests: -** Analysis of the stock market, listening to Music, Reading newspapers.

## **Objective:**

Intend to build a career with leading corporate of hi-tech environment with committed & dedicated people, which will help me to explore myself fully and realize my potential. Willing to work as a key player in challenging & creative environment.

## **Personal Object:**

Hardworking, Excellent verbal and written communication skills, Ability to deal with people diplomatically, Willingness to learn than earns more and quick learner

## **Paper Presentations/Participation in International / National Symposium, Conference & Seminars: Online Webinar/Symposiums Participation: 13**

1. Participated in **INTERNATIONAL SYMPOSIUM ON BIODIVERSITY OF MEDICINAL PLANTS AND ORCHIDS: EMERGING TRENDS AND CHALLENGES** organized by Dept. of Botany & Microbiology, **Acharya Nagarjuna University**, Guntur, and Andhra Pradesh, India during 9<sup>th</sup> to 11<sup>th</sup> February 2018.
2. Participated in **UGC SPONSORED NATIONAL SEMINAR ON “RECENT TRENDS IN NANOSCIENCES & NANOTECHNOLOGY”** Organized by Dept. of Nanotechnology, **Acharya Nagarjuna University**, during 30<sup>th</sup> to 31<sup>st</sup> January 2017.
3. Participated in 104<sup>th</sup>**THE INDIAN SCIENCES CONGRESS ASSOCIATION** organized by professional body under department of sciences & technology, Ministry of sciences & technology, Government of India), held at S. V university, Tirupathi, during January 3 to 7, 2017. India during 9<sup>th</sup> to 11<sup>th</sup> February 2018.
4. Participated in **National workshop on “Inculcation of innovative knowledge to promote entrepreneurship in Biochemical Sciences”** organized by Dept. of Biochemistry, **Acharya Nagarjuna University**, Guntur, and Andhra Pradesh, India during 24 to 25 January 2020.
5. Participated in **National seminar on emerging trends in chemistry & materials science** organized by Dept. of Chemistry, **Acharya Nagarjuna University**, Guntur, and Andhra Pradesh, India during 29<sup>th</sup> January 2020.
6. Participated in **Workshop on Bioinformatics A Practical interface** organized by Bioinformatics facility center (DBT), **Acharya Nagarjuna University**, Guntur, and Andhra Pradesh, India during 17<sup>th</sup> to 18<sup>th</sup> November 2016.
7. Presented a paper on **“Efficiency of streptomyces sp., as biocontrol agent for management of fungal diseases in black gram”** in 1<sup>st</sup> International Conference on **Recent Advances in Chemical, Pharmaceutical and Biological sciences (RACPABA-2020)** organized by Dept. of Chemistry, P.G. Centre, **Acharya Nagarjuna University**, during 5<sup>th</sup> & 7<sup>st</sup> March 2018.
8. Participated in UGC- sponsored international workshop on **Research methodology and R-programming** organized by Acharya Nagarjuna University international student cell, **Acharya Nagarjuna University**,

- Guntur, and Andhra Pradesh, India during 20<sup>th</sup> to 27<sup>th</sup> March 2018.
9. Participated in **UGC-DSt Sponsored National Seminar on Trendys in Biochemistry** organized by Department of Biochemistry, **Acharya Nagarjuna University**, Guntur, and Andhra Pradesh, India during 17<sup>th</sup> to 18<sup>th</sup> October 2016.
  10. Participated in **International conference on Environmental conservation and human health –challenges and strategies (ICECH-2016) & 10 the Annual Convention of ABAP** organized by Department of Zoology, Sri Venkateswara University Tirupati., Andhra Pradesh, India during 21<sup>th</sup> to 23<sup>th</sup> December 2016.
  11. Participated in **6<sup>th</sup> Indian Youth Science congress** organized by **Acharya Nagarjuna University**, Guntur, and Andhra Pradesh, India during 19<sup>th</sup> to 21<sup>th</sup> January 2015.
  12. Participated in **National seminar & workshop on Genomics & proteomics an informatics approach (NSGPI-2014)** organized by Biotechnology, **Acharya Nagarjuna University**, Guntur, and Andhra Pradesh, India during 24<sup>th</sup> to 25<sup>th</sup> March 2014.
  13. Participated in national seminar organized by **VSR & NVR College, Tenali, Guntur, and Andhra Pradesh, India** during 16<sup>th</sup> to 25<sup>th</sup> January 2013.

## Paper Publications: 12

1. **Merakanapalli Kishore Babu**, Syed Shabana, Ifra Erum, Qasim Turki Kadhim, Alapati Krishna Satya, Secondary Metabolites Of Streptomyces And Their Antibacterial, Antifungal Properties. September 2022| IJIRT | Volume 9 Issue 4 | ISSN: 2349-6002.
2. **Merakanapalli Kishore Babu**, Kunchala Rajyalakashmi, Syed Shabana, Qasim Turki Kadhim, Alapati Krishna Satya \* Optimization On Streptomyces Species On Growth Promotion And Grain Yield In Black Gram Fields, JETIR August 2022, Volume 9, Issue 8 www.jetir.org (ISSN-2349- 5162).
3. Ahmed Khaldoon Yasir, Suman Joshi DS Doddapaneni, **Kishore Babu M**, Krishna SatyaAlapati. (2019). Enhanced Bactericidal Activity of Green Synthesized Gold Nanoparticles from Neptunia triquetra. International Journal of Science and Research (IJSR). Volume 8; Issue 10, PP.585-589.
4. Suman Joshi DSD, Venkata Rao G, Satya Prasad **M**, **Kishore Babu M**, Surya Narayana S and Krishna Satya A (2017): "Phytochemical screening and evaluation of antioxidant, antibacterial and antifungal activity of medicinal plant Alphonsea sclerocarpa Thaw". Journal of Pharmacognosy and Phytochemistry; 6(4): 1280-1286.
5. K. Rajyalakshmi, DSD Suman Joshi, **M. Kishore Babu**, Marwah Ali Oudah, A. Krishna Satya (2019) Role of probiotics and their mode of action in aquaculture: Areview. International Journal of Biosciences, Vol. 14, No. 2, p. 573-586.
6. Rajyalakshmi, K., **M. Kishore Babu**, Syed Shabana, and A. Krishna Satya. "Evaluation of Candidate Probiotic against Vibriosis: It's Antibiotic and Adherence Activity on Epithelial Intestinal layer." (2021).
7. Rajyalakshmi, K., **M. Kishore Babu**, Syed Shabana, and A. Krishna Satya. "Identification and Screening of Probiotics as a Biocontrol Agent against Pathogenic Vibriosis in Shrimp Aquaculture." Annals of the Romanian Society for Cell Biology 25, no. 6 (2021): 12292-12305.
8. Quasim Turiki, **Merakanapalli Kishore Babu**, Kunchala Rajyalakashmi, VE Vijaya Sekhar, Syed Shabana, A Krishna Satya. Isolation and characterization of Streptomyces spp showing antagonistic activity against fungal pathogens effecting soybean crop. European Journal of Biotechnology and Bioscience, Volume 8, Issue 1, 2020, Pages 30-36
9. Quasim Turiki, **Merakanapalli Kishore Babu**, Kunchala Rajyalakashmi, VE Vijaya Sekhar, Syed Shabana, A Krishna Satya. Optimization of secondary metabolite production and antibacterial assay of isolated streptomyces apps 2020 2348-1269 Volume 7, Issue.
10. Rajyalakshmi, K., Marwah Ali Oudah, **M. Kishore Babu**, A. Santhi Priya, Syed Shabana, and A. Krishna Satya. Benefaction of probiotic in human gastro intestinal tract. 2019 2456-0057 4(2): 459- 465.
11. Hassanain Hataf Jaber, K. Rajyalakshmi, **M. Kishore Babu**, A. Krishna Satya, In Vitro and In Vivo Anti-Diabetic Activity of a Nearly Threatened Woody Tree Species Pterospermum Xylocarpum. 2019 2319-7064 Volume 8 Issue 11, 328 – 331
12. K. Rajyalakshmi, DSD Suman Joshi, **M. Kishore Babu**, Marwah Ali Oudah, A. Krishna Satya. Role of probiotics and their mode of action in aquaculture. 2019 2220-6655 14(2), 573-586.





