**A person with dark hair wearing a yellow and grey chevron shirt

AI-generated content may be incorrect. Resume**

**Dr. Srilekha Konakanchi**

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# Educational Qualifications

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| Course | Institution | Percentage/GPA | Year |
| X Class | Govt. High School, Chennaipalem, Nalgonda | 89.66% | 2011 |
| XII Class (B.P.C) | Gowthami Junior College, Miryalaguda | 87.5% | 2013 |
| B.Sc. (Microbiology) | Vijetha Degree College, Miryalaguda | 70.00% | 2017 |
| M.Sc. Biotechnology | Chaitanya Postgraduate College (Autonomous), Hanumakonda | 8.9 GPA | 2019 |
| Ph.D. Biotechnology | Chaitanya (Deemed to be University), Hyderabad Thesis: *In vitro* determination of anticancer activities of Diarylheptanoids derived from *Garuga pinnata* Roxb | 8.5 GPA | 2024 |

# Academic Achievements

• School topper in the Xth standard

# Technical Skills

• Chromatography  
• Basic Microbiology Techniques

# Internship

• Summer Internship on “Biomass Characterization and Valorization” at NIT Warangal (May–June 2018)

# Conferences Attended

• Presented a poster on “Compositional analysis of lignocellulosic biomass: a comparative study for biofuel application” at Telangana Science Congress, December 22–24, 2018.

# Research Publications

1. Konakanchi, S., Vadluri, R., Anumula, K. S., Narashimulu, Banothu, D., & Krishna, T. M. (2023). Antiproliferative, molecular docking, and bioavailability studies of diarylheptanoids isolated from stem bark of Garuga pinnata Rox B. 3 Biotech, 13(6), 208. (IF: 2.8)
2. Krishna, T. M., Srilekha, K., & Narasimhulu, K. (2021). Cytotoxicity and Bioavailability of Diarylheptanoids isolated from Garuga pinnata Roxb. AIJR Abstracts, 86.
3. Velidandi, A., Gandam, P. K., Chinta, M. L., Konakanchi, S., Reddy Bhavanam, A., Baadhe, R. R., & Gupta, V. K. (2023). State-of-the-art and future directions of machine learning for biomass characterization and for sustainable biorefinery. Journal of Energy Chemistry, 81, 42–63. (IF: 13.1)
4. Gandam, P. K., Chinta, M. L., Gandham, A. P., Pabbathi, N. P. P., Konakanchi, S., Bhavanam, A., & Bhatia, R. K. (2022). A new insight into the composition and physical characteristics of corncob—substantiating its potential for tailored biorefinery objectives. Fermentation, 8(12), 704. (IF: 3.7)

# Personal Attributes

Strengths: Thinking ability, dedication to work, self-motivation.  
Hobbies: Painting, handcrafts, reading books.

# References

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| **Prof. T. Murali Krisha**  Pro. Department of Biotechnology  Chaitanya Deemed to be University, Himayat Hyderabad-500075  E-mail: [visitmurali@gmail.com](mailto:visitmurali@gmail.com)  Mobile:9848835350 | **Prof. Rama Raju. B**  Associate Professor  Integrated Biorefinery research lab  National Institute of Technology Warangal-506004  E-mail: [rrb@itw.ac.in](mailto:rrb@itw.ac.in)  Mobile:9293738641 |

# Declaration

I hereby declare that the above information is true to the best of my knowledge and belief.  
  
(Sd/-)  
Dr. Srilekha Konakanchi