



YOGI VEMANA UNIVERSITY

Department of Computational Data Science (CDS)

Vemanapuram, Kadapa-516005, Andhra Pradesh, India

Why Choose Computational Data Science at Yogi Vemana University?

Reasons to Choose Computational Data Science @YVU



The Department of Computational Data Science (CDS) at Yogi Vemana University, Kadapa, offers a cutting-edge M.Sc. CDS program, launched in the academic year 2023–24. This newly established department is a pioneer among state public universities in Andhra Pradesh to offer such a program, with a mission to empower rural students for global tech opportunities. The curriculum is meticulously crafted to blend theory and practical skills in Data Science, AI/ML, Big Data, Quantum Computing, and Deep Learning, aligning with current and emerging market needs.

Programme	M.Sc., Computational Data Science, 2-Years with 4-semesters; NEP-2020
Admission	APPGCET-2025 https://cets.apsche.ap.gov.in/APSCHE/APSCHEHome.aspx
Eligibility	B.Sc./B.Sc.(Hons.) in Mathematics, Physics, Statistics, Computer Science, Electronics, Chemistry, and B.Tech. (CSE/IT/Electronics)

- ⇒ First among state public universities in A.P. to offer M.Sc. in Computational Data Science
- ⇒ Focus on AI/ML, Python, R, Quantum Computing, NLP, Cloud & Big Data
- ⇒ Well-equipped Computer Laboratory with modern tools and software
- ⇒ Designed to meet the demands of the global job market
- ⇒ Inclusive academic design for rural and underrepresented students

Semester	Highlights of the Key Subjects
I	Foundations of Data Science(DS), Python for DS (Theory & Lab), SPSS Lab, Statistics & Probability
II	Introduction to ML, Big Data Analytics, Python Lab II, Computer Networks
III	Deep Learning, Cloud Computing (Theory & Lab), Multivariate Analysis, NLP
IV	Quantum Computing, Data Mining & Warehousing (Theory & Lab), Digital Image Processing (Theory & Lab), Project Work

Attractive graduate employment opportunities across a wide spectrum of industries with the opportunity to present research projects at major international conferences.

- * Data Scientist, * Business Analyst, * Data Engineer, * Machine Learning Engineer
- * Cloud Computing Specialist, * Software Developer



Leading Recruitment Partners



Contact Details:

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