B.Tech Computer Science and Applied Mathematics(CS&AM)

Course Structure of B.Tech CS&AM at CRRAO AIMSCS in collaboration with JNTUH is aligned with B Tech Maths and Computing at IITH & IISc B and B.Tech (CS&AM) IIITD . Most of the following areas are going to cover in B.Tech computer Science and Applied Mathematics.

- Multivariable calculus.
- Linear Algebra, Algebra, Number theory, Graph theory, Cryptography.
- Real, Functional & Complex Analysis, ODE, PDE, Optimization, Numerical solutions to Differential Equations, Matlab.
- Computational Geometry and Topology.
- Theoretical Computer Science
- Operating Systems, C & Data structures and Data Base Managements
- Probability & Statistics
- AI&ML Concepts
- Soft Computing R & Python
- High performance computing
- Quantum Computing
- Deep Generative models
- Financial Mathematics