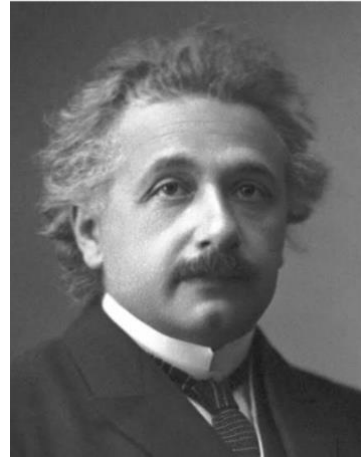


Father of Physics



ISAAC NEWTON

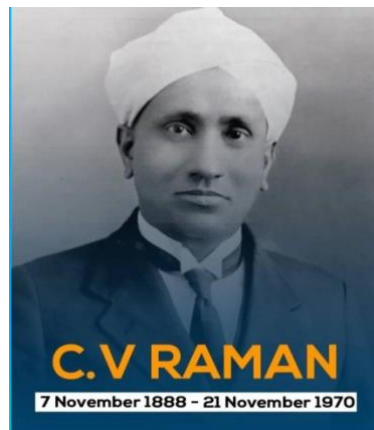
Father of Modern Physics



ALBERT EINSTEIN

INDIAN PHYSICIST

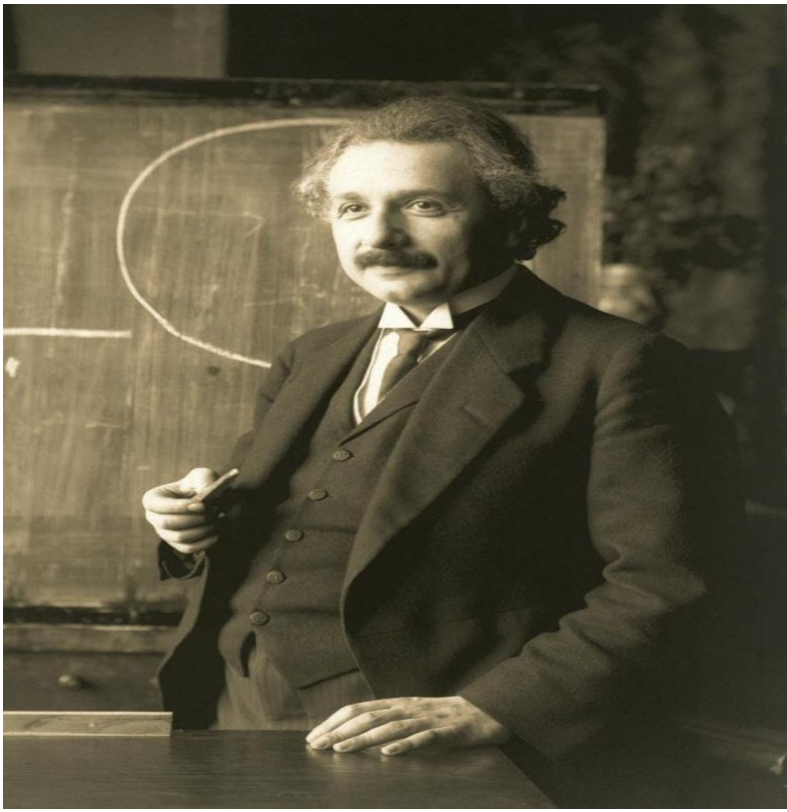
INDIAN FIRST NOBLE LAUREATE IN PHYSICS



CHANDRASEKHARA VENKATA RAMAN

DEPARTMENT PROFILE

The department was established in 2017 with the noble objective of offering Physics education to the students of B.Sc. The present total strength of B.sc computer science including 1st, 2nd and 3rd years is 34. The workload of the Department is 18 hours for 1 lecturer. There is 1 sanctioned post in the Department. However, the workload is shared by 1 Guest Lecture only. The Kakatiya University Annual and Semester Examination Results of the department of Physics, since the establishment of the department have been encouraging.



VISION& MISSION:

- **VISION:**

- DEVELOP SCIENTIFIC THOUGHT
- PROVIDING THE STUDENTS WITH A COMPLETE PHYSICS KNOWLEDGE THROUGH ITS NORMAL PROGRAMS
- TO IMPART LEARNING ,TEACHING AND RESEARH SKILLS IN PHYSICS
- TO PROVIDE QUALITY EDUCATION TO POOR TRIBAL STUDENTS

- **MISSION :**

- HIGH QUALITY INSTRUCTION IN PHYSICS WILL BE PROVIDED THROUGH EXCELLENT AND DEVOTED INSTRUCTION.
- INTRODUCE SEVERAL INNOVATIVE TEACHING AND LEARNING STRATEGIES
- DEVELOP INDEPENDENT THINKING ,SKILL AND ABILITY TO SOLVE THE PROBLEMS IN PHYSICS.
- DEVELOP ANALYTICAL REASONING AND CRITICAL THINKING SKILLA THROUGH CREATIVE ACTIVITIES.
- PROVIDE ADVANCED KNOWLEDGE TO BE USEFUL IN FUTURE STUDIES
- PROVIDING EXPERIENTIAL AND PARTICIPATING LEARNING BY ADOPTING ICT ENABLED TEACHING AND LEARNING SYSTEM.

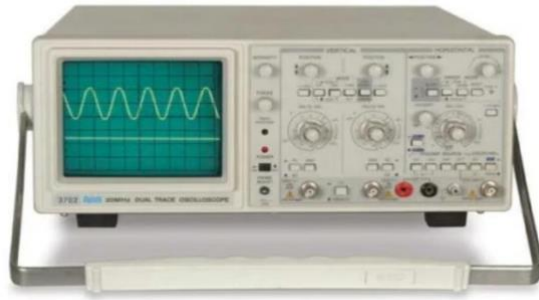
INFRASTRUCTURE DETAILS:

The following are the infrastructure details used by the students of our department:

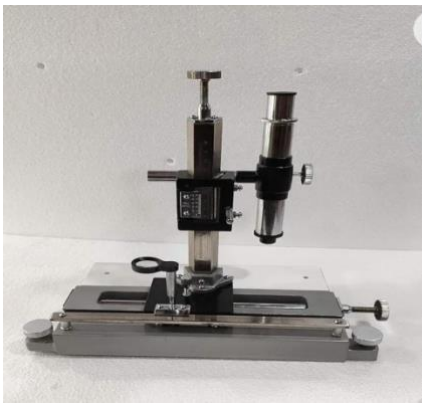
- **The Department has adequate laboratory facility to impart practical knowledge with sufficient equipment**



Spectroscope



CRO



Travelling microscope



Polarimeter

PHYSICS LAB







BEST PRACTICES:

- Awareness programmes organized for the students on Basics, Languages and Programming Concepts.
- Alert sessions arranged for the students on Online Loan Apps
- advantages and disadvantages of internet.

- Advantages of Cashless Transactions explained to the students
- Awareness provided for the students and staff on paperless administration

FUTURE PLANS:

- ▶ TO DEVELOP DIGITAL CONTENT IN SUBJECT
- ▶ TO START MULTIDISCIPLINARY JOB ORIENTED COURSES
- ▶ TO INSTILL RESEARCH TEMPER AMONG STUDENTS
- ▶ TO INTRODUCE CERTIFICATE COURSES RELATED TO PHYSICS
- ▶ TO CONDUCT A NATIONAL SEMINAR

