



SHRIMATI INDIRA GANDHI COLLEGE

(Nationally Accredited at “A” Grade (3rd Cycle) by NAAC)

Chatram Bus Stand, Tiruchirappalli – 620002.

CRITERION - II

2.3.1. STUDENT CENTRIC METHODS FOR PHYSICS

SHRIMATI INDIRA GANDHI COLLEGE, TRICHY
(Nationally Accredited at “A” Grade (3rd cycle) by NAAC)

DEPARTMENT OF PHYSICS

STUDENT CENTRIC METHODS

2.3.1 EXPERIMENTAL LEARNING;-

INDUSTRIAL VISIT PROGRAMME (BSNL)

The industrial visit as a part of curriculum was very useful to learn communication topics both in theory and practical for the final semester of M.Sc Physics programme.





INDUSTRIAL VISIT-KODAIKANAL OBSERVATORY

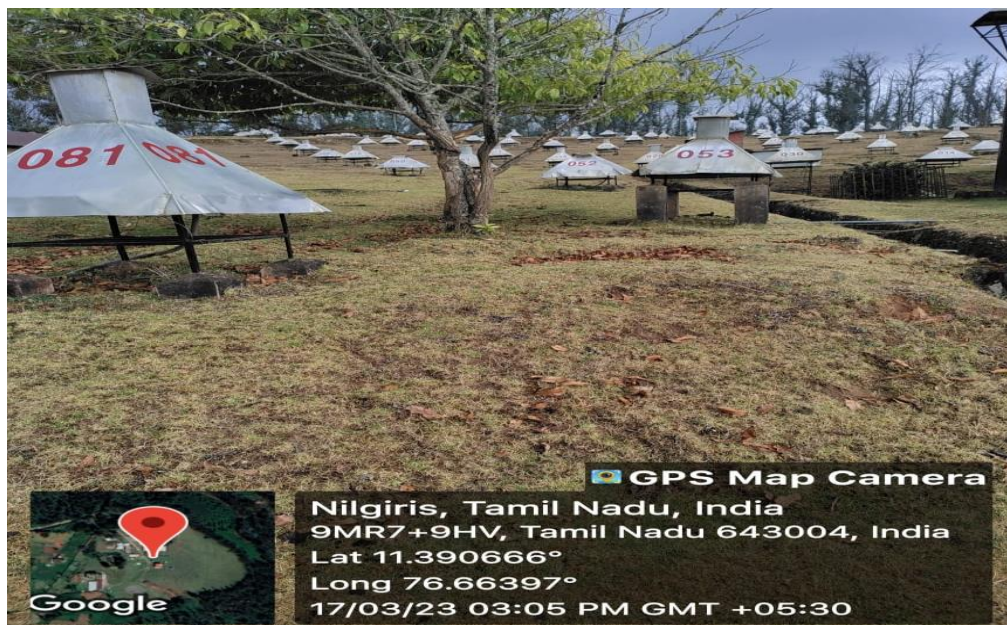


INDUSTRIAL VISIT- VISIT-BANGALORE- VISVESVARAYA MUSEUM



**INDUSTRIAL VISIT-Cosmic Ray Laboratory,
Tata Institute of Fundamental Research Centre ,Ooty**





FIELD VISIT PROGRAMME (PLANETARIUM)

The Students watched a show on solar system and 3D show. They also watched the pictures of scientists and their discoveries, Rocket model, Satellite model, Mirror magic, Food chain ,herbal garden, various types of soils, life cycle of animals, ancient things, Solar clock etc., The field visit was very useful and informative for their students.



2.3.2 –PARTICIPATIVE LEARNING

STUDENT SEMINAR PROGRAMME –II M.Sc PHYSICS

The student of II M.Sc physics Ureanitha gave lecture programme in crystal growth and thin film physics. she explained more detailed of growth of various compound crystal. This lecture programme was more interesting and useful for our students.



GROUP DISCUSSION

As part of the various student centric methods implemented by the department of physics. Group discussions are formed among students so that can learn and share their knowledge.



2.3.3 –PROBLEM SOLVING METHODOLOGIES

INTERDEPARTMENTAL QUIZ COMPETITION

Every year we are conducting the quiz programme. Questions were asked in the field of Physical science, Chemical science, biological science, space & Computer

science and also Two visual rounds are conducting. Finally 3 teams selected as winners.



As 'communication physics' paper is newly introduced for the final year students, the peer learning groups in III B.Sc physics discussed about different types radio communication. They exchanged their views about conceptual understanding is made easy through peer learning groups formed among students.



The theoretical physics for the final year student paper are discussed in group of III B.Sc physics . About different types of scientist equations formulation is discussed. They exchanged their views about conceptual understanding is made easy through groups formed among students.

Our Student Sreenidhi of I B.Sc Physics received the IInd Place (Certificate and Medal) conducted by Sudharsan College of Arts and Science College, Pudukkottai.



