



KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)

DEPARTMENT OF MATHEMATICS
INDUSTRIAL VISIT

UNDER

DBT STAR COLLEGE SCHEME- 2022-2023



| S. No | Class | Place of Visit | Date | No. of Beneficiaries | Outcome |
|-------|--|---|--------------------------------|--|--|
| 1. | I B.Sc., II B.Sc. and III B.Sc. Mathematics | Radio Astronomy Centre and Tea Factory, Ooty. | 22.12.2022 | I B.Sc. – 12 II B.Sc. – 16, III B.Sc. – 35 students and 6 Faculty members | Students observed the most sensitive radio telescopes made up of thin wires which is used to view the various phenomena occurring in the solar system and other celestial bodies and its applications in mathematics. Measurement concept in mathematics is used here for the correct outcome of tea powder. |
| 2. | II B.Sc. Mathematics and III B.Sc. Mathematics | Regional Science Centre, Coimbatore. | 24.12.2022 | II B.Sc. – 16, III B.Sc. – 10 students and 5 Faculty members | Students were able to see different science experiments which are placed in an interactive way and to understand about various aspects of the existence of science in day to day life and to gain knowledge about pre historic and ancient things |
| 3. | III B.Sc. Mathematics | Visvesvaraya Industrial and Technological Museum, Iskcon Temple, | 20.02.2023 to 22.02.2023 | III B.Sc. – 50 students and 5 Faculty members | Students came to know about the practical applications of Abstract Theory and application of mathematics in Rocketry, Fluid Dynamics and also |

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| | | Birds Sanctuary, Bangalore. | | | working mechanisms of Engines, Printers. |
| 4. | III B.Sc. Mathematics | Mysore Palace, Mysore | 20.02.2023 to 22.02.2023 | III B.Sc. – 50 students and 5 Faculty members | Students enable to know how mathematics has been used in Architecture in ancient times. They saw many weapons structured in a manner to move in a particular angle, direction and degree which had a concept of Geometry and Trigonometry. |
| 5. | II B.Sc. Mathematics & III B.Sc. Mathematics | Fluid Control Research Institute, Palakkad | 31.03.2023 | 7 Faculties II B.Sc. – 36 III B.Sc. - 44 | Students came to know about applications of Fluid Dynamics and to analyse how fluid control and measurement in industrial processes are made and to understand various fluids such as oil, gas and water and its various pressure levels related to study in the field of Mechanics. |



Staff and Students visited Dodabetta Tea factory-Coonoor



Radio Astronomy center, Ooty



Training at FCRI



Students and teachers at FCRI