

# K.S. RANGASAMY COLLEGE OF ARTS AND SCIENCE

(Autonomous)

Tiruchengode - 637 215

Department of Physics

*Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum*

## PROGRAMME: BACHELOR OF SCIENCE IN PHYSICS

| Programme       | Name of the Course         | Relevant Issue |                              |                                    | Description   |
|-----------------|----------------------------|----------------|------------------------------|------------------------------------|---|
|                 |                            | Gender         | Environment & Sustainability | Human Values & Professional Ethics |   |
| B.Sc., Phjysics | Elective I: Energy Physics |                | ✓                            |                                    | To develop Knowledge on various Energy Generation, Utilization, and conversion methods.   |
|                 | Elective I: Geophysics     |                | ✓                            |                                    | To develop knowledge about Earth in terms of its physical properties such as gravity, magnetic field, surface wave, earthquakes and structure of Earth. |
|                 | Core XII: Nuclear Physics  |                | ✓                            |                                    | To motivate the students to analyze the utility of nuclear energy reactors, detectors and accelerators.   |

HoD

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