K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215.
(AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CENTER OF EXCELLENCE ON SOFTWARE TESTING

The objective of a Centre of Excellence (CoE) for Software Testing is to serve as a hub for innovation, research, development, training, testing and policy support to the students. It consolidates testing expertise, methodologies, tools, and best practices to ensure consistent quality across all projects. Here's a detailed breakdown of its objectives:

- **Skill Development and Training:**

  Provide students with hands-on training in manual and automated software testing using industry-standard tools and methodologies.

- **Research and Development (R&D):**

  Conduct research on emerging trends in software testing, such as AI-driven testing, DevOps, and testing.

- **Incubation of Innovative Projects:**

  Encourage students to design and develop testing solutions or frameworks as part of academic or start up projects.

- **Industry Collaboration:**

  Partner with IT companies to offer internships, guest lectures, and real-world projects for students.