



An Autonomous Institute
(Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi;
Recognized By UGC under 2(f) & 12(B); Accredited by NBA & NAAC)

Best Practice – 1 Title of the Practice: Tinkering Lab in MVJCE

Tinkering Lab promotes innovation and entrepreneurship among students, and helps them discover the joy of creation. They experience the process of creating technology, right from ideation to prototyping. The Lab is open to students across all departments. It helps them in learning to work as a team and is a good platform for interdisciplinary research. Many interesting projects like Braille book, Biotic semipermeable membrane using fruit peel waste, Smart Helmet, Boco.aid, Multifunctional AI-assisted drone and Alternative fuels using plastics, have taken birth at the Tinkering Lab, students have presented these at conferences and in journals, and won accolades.

Best Practice 2-Title of the Practice: Design of Innovative Curriculum in MVJCE

MVJCE has designed a new curriculum to make a shift from rote learning to experimental learning. For every theoretical concept, an experimental study has been introduced, to help students understand the concept thoroughly, and acquire problem solving skills. Every course is divided into five modules, and every module has laboratory sessions to facilitate experimental learning. To bridge the gap between Academia and Industry needs, Value-Added Courses are included in the curriculum. The new curriculum was developed by a strong team of faculty members, with the BOS comprising of industrial and academic experts vetting it. It meets global requirements, stimulates innovation, and enhances rational and logical thinking ability of students.