RESEARCH AND DEVELOPMENT (R&D)
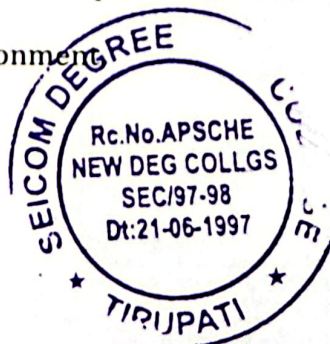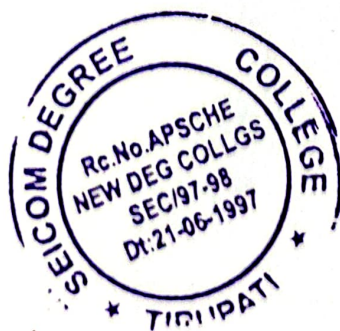
(2021–22)

In 2021–22, with academic activities returning to campus, SEICOM further strengthened its research culture. The R&D Cell encouraged multidisciplinary projects – for instance, commerce students working on data analysis and science students on environmental studies. New MoUs were signed with regional institutes and NGOs to involve students in community-based research projects. A workshop series on current technologies (such as AI, ML, and sustainable practices) was conducted on campus. The institution formalized a research support system, with a committee reviewing proposals for seed grants and travel funding for conference presentations. Smart classrooms and a modern computer lab with specialized software became fully operational, enriching the research environment.

PRINCIPAL

Seicom Degree College

Tirupati

- **Initiatives:** The College introduced an annual "Innovation Day" to exhibit student projects and launched a research club for peer-to-peer learning.

- **Projects & Achievements:** Student teams built functional prototypes (for example, mini weather stations or simple AI models) under faculty guidance. Faculty presented papers on their research at state conferences.

- **Collaborations:** MoUs with a local NGO and a science institute provided fieldwork opportunities for students (such as surveys and lab visits) and joint academic activities.

- **Events:** SEICOM hosted a one-day national seminar on "Emerging Technologies in Education" and organized FDPs on grant-writing for faculty.

- **Policies:** A new "Publication Incentive" policy rewarded faculty and student co-authorship in reputed journals.

- **Infrastructure:** The College added a high-end data analytics lab and improved its science laboratory facilities (new microscopes, lab software), enhancing hands-on research capabilities.