



SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF EDUCATION

(An Autonomous College Affiliated to the Tamil Nadu Teachers Education University and

Re-accredited with A++ Grade by NAAC with CGPA 3.82)

Sri Ramakrishna Vidyalaya Post, Coimbatore - 641 020.

Ph: 8012533915 | E-mail: srkvcoen@yahoo.co.in | Website : www.srkvcoe.org

Empowering Student-Teachers with 21st Century ICT Skills at par with attainable sustainable goals in teacher education

Objectives:

- To foster digital literacy among student-teachers to promote innovative teaching and learning approaches.
- To enhance proficiency of student-teachers in utilizing modern ICT tools effectively in their classrooms.
- To equip student-teachers with ICT tools for effective, student-centered learning aligned with sustainable education objectives.
- To establish collaborative partnerships with schools and communities to promote hands-on, real-world ICT application.
- To encourage student-teachers to pursue Online Courses offered by agencies of national and international repute.

The College has a clearly outlined academic policy for empowering student- teachers with contemporary ICT Skills through the below mentioned activities.

a) Training on e-content Development

Student-teachers are trained with incorporating open-source multimedia elements, interactivity, and real-world applications in their contents. Platforms like DIKSHA, OLABS, VLABS, PhET, ARLOOPA, etc., are extensively used. Through adequate training, they are equipped with integration of e-content in their practice teaching schools. E-content prepared can be accessed anytime and anywhere, providing students with flexible learning opportunities, and catering to diverse learning styles. Regular training sessions for student-teachers are conducted by staff to further raise the quality of the e-content materials developed.

b) Blogs for Teaching Learning Process

Student-teachers are empowered with the technical knowhow of creating their own blogs and share their prepared learning materials through their educational blogs. Each student-teacher creates his own blog and disseminates his content through blogs thus promoting collaborative learning among peers. These blogs are linked with the institution website for accessing information with ease.

c) Google Classrooms

Google Classroom, a stand-alone Learning Management System (LMS) is used by the teacher educators and student -teachers for sharing their academic content. This includes syllabus, subject specific lesson plans, learning materials and assignments on various topics.

d) Augmented Reality in Teaching Learning Process

Augmented Reality in teaching is a contemporary technique for 21st Century classrooms. Student-teachers are exposed and trained with AR concepts and technologies. AR creates opportunities to grasp abstract concepts with multidimensional learning. Student-teachers prepare subject specific video lessons integrating AR concepts. AR technology helps student-teachers prepare lessons with multisensory exposure. Student-teachers demonstrate practical activities using AR during their practice teaching.

Integrating ICT skills among student-teachers has enhanced classroom experiences and teaching new skills. The strategies employed have equipped student- teachers to engage students with innovative methods and prepare learners for a digital world.