

# A CASE STUDY OF UTILIZING TELEHEALTH TO EXTEND SERVICES AND PRESERVE THE HEALTH AND SAFETY OF PATIENTS AND EMPLOYEES AT A RURAL HEALTHCARE INSTITUTION

**S. Karthick<sup>a</sup>, A. Latheep maiden<sup>b</sup>, M. Karan<sup>c</sup>, S. Hari Prasath<sup>d</sup>**

<sup>a</sup>Assistant Professor, Department of ECE,

SSM Institute of Engineering & Technology, Dindigul.

<sup>b,c,d</sup>UG Student, Department of ECE,

SSM Institute of Engineering & Technology, Dindigul.

## Abstract

In this case study, a remote healthcare facility's use of a telemedicine programmed during the COVID-19 epidemic was examined. As the number of COVID-19 cases increased, an action research methodology was implemented to enhance the usage of telehealth. Data were gathered from a review of the literature, a look at the documents already in existence, a gap and SWOT analysis assessment, and a look at the staffing plans. This assisted in ensuring that sufficient resources were available to begin and maintain the use of telehealth. As the programmed moved through its various implementation phases, a review of the entire procedure was also carried out. These statistics guided cycles of improvement in the telehealth programmed through careful analysis and reflection. challenges related to the programme.

**Keywords---COVID-19, Rural Health, Pandemics, Telemedicine, Leadership, Healthcare.**



*(Handwritten signature)*

**Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)**  
**Principal**

**SSM Institute of Engineering and Technology**  
**Kuttathupattu Village, Sindalagundu (Po),**  
**Palani Road, Dindigul - 624 002.**