

# Premise Infant Incubator

**Prof. Sayali Shinde<sup>1</sup>, Mr. Rajsinh Jadhav<sup>2</sup>, Mr. Vishwajeet Suryawanshi<sup>3</sup>,  
Mr. Daud Mulla<sup>4</sup>, Mr. Rohan Kadam<sup>5</sup>**

Assistant Professor, Department of Computer Science and Engineering<sup>1</sup>

Students, Department of Computer Science and Engineering<sup>2,3,4</sup>

Dr. Daulatrao Aher College of Engineering, Karad Maharashtra, India

**Abstract:** *A smart baby incubator is an innovative device designed to provide optimal conditions for premature or ill infants, improving their chances of survival and healthy development. The incubator incorporates a range of advanced features, such as temperature and humidity control, oxygen saturation monitoring, and smart alarms to alert caregivers of any changes in the infant's vital signs. Additionally, the smart baby incubator includes a user-friendly interface, allowing healthcare providers to monitor the infant's progress remotely and adjust the settings as needed. With its advanced features and intelligent design, the smart baby incubator has the potential to revolutionize neonatal care and improve outcomes for premature and critically ill infants.*

**Keywords:** smart baby incubator, ill infants

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