

**GOVERNMENT POLYTECHNIC COLLEGE**

**MANANTHAVADY**

**WAYANAD-670 645**



**SEMINAR REPORT**

**ON**

**“NANOROBOTICS”**

Submitted in Partial Fulfilment of the  
Requirements For the award of diploma in  
Computer engineering during the year 2021-2022

Submitted by

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**CERTIFICATE**

This is to certify that the seminar work entitled “**NANOROBOTICS**” is a bonafide work carried out by **AISWARYA KRISHNA ( Reg.no:19138185)** In partial fulfilment for the award of diploma in Computer Engineering during the year 2021-2022

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## **ABSTRACT**

A nano-robot is a tiny machine designed to perform a specific task or tasks repeatedly and with precisions at nanoscale dimensions, that is, dimensions of a few nanometers or less, where  $1\text{nm} = 10^{-9}\text{ meter}$ . Nano-robotics is a synchronization of mechanical , electrical and computer science branch. Nanoscale systems can operate much faster than their counterparts because displacements are smaller, this allows mechanical and electrical events to occur in less time. Nano-robots might function at the atomic or molecular level to build devices, machines or circuits, a process known as molecular manufacturing. Nano-robotics technology can change entire industry and society. Here we propose theoretical survey of nano-robotics technology.

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