



$$y = \begin{pmatrix} y_1 \\ y_2 \\ y_3 \end{pmatrix}$$
$$y_1 = \frac{1}{\sqrt{2}}(x_1 - x_2)$$
$$y_2 = \frac{1}{\sqrt{2}}(x_1 + x_2)$$
$$y_3 = x_3$$
$$x = \begin{pmatrix} x_1 \\ x_2 \\ x_3 \end{pmatrix}$$
$$x = \begin{pmatrix} \frac{1}{\sqrt{2}}(y_1 + y_2) \\ \frac{1}{\sqrt{2}}(y_2 - y_1) \\ y_3 \end{pmatrix}$$
$$T = \frac{1}{\sqrt{2}} \begin{pmatrix} 1 & 1 & 0 \\ 1 & -1 & 0 \\ 0 & 0 & 1 \end{pmatrix}$$
$$T^{-1} = \frac{1}{\sqrt{2}} \begin{pmatrix} 1 & 1 & 0 \\ 1 & -1 & 0 \\ 0 & 0 & 1 \end{pmatrix}$$
$$T^{-1}T = I$$
$$T^{-1}AT = \begin{pmatrix} 1 & 0 & 0 \\ 0 & -1 & 0 \\ 0 & 0 & 1 \end{pmatrix}$$

 **GPS Map Camera**

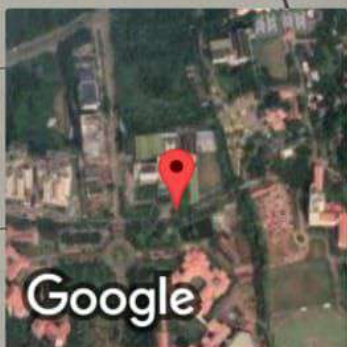
Kochi, Kerala, India

X9W4+4WW, Rajagiri Rd, Rajagiri Valley, Kakkanad, Kochi, Kerala
682030, India

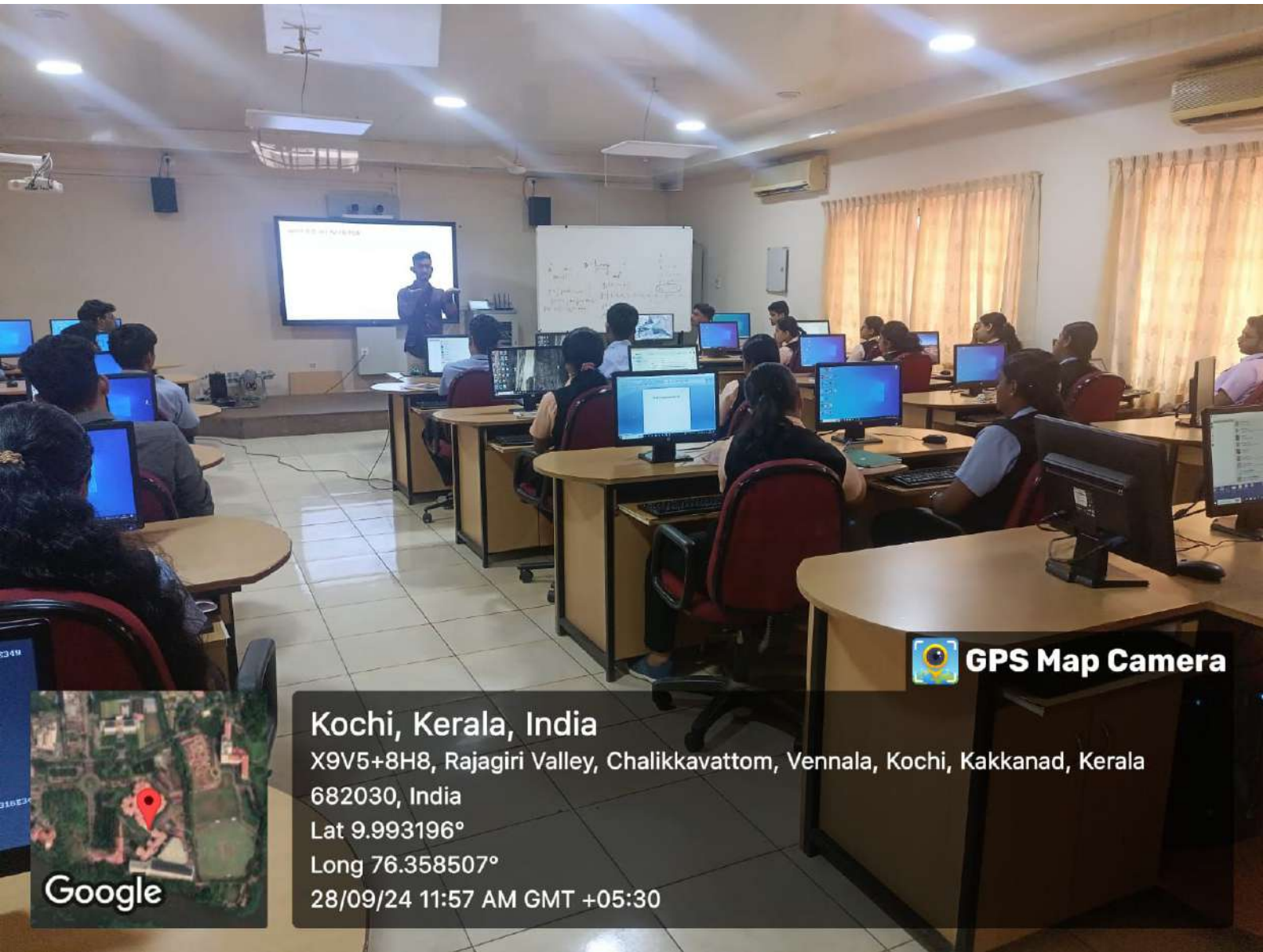
Lat 9.99472°

Long 76.358121°

28/09/24 02:36 PM GMT +05:30



Google



 **GPS Map Camera**

Kochi, Kerala, India

X9V5+8H8, Rajagiri Valley, Chalikkavattom, Vennala, Kochi, Kakkanad, Kerala

682030, India

Lat 9.993196°

Long 76.358507°

28/09/24 11:57 AM GMT +05:30



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