$$(H, A) = \begin{bmatrix} (0.88, 0.99) & (0.77, 0.99) & (0.99, 0.33) & (0.77, 0.66) \\ (0.55, 0.99) & (0.99, 0.44) & (0.77, 0.99) & (0.66, 0.99) \\ (0.77, 0.88) & (0.77, 0.99) & (0.55, 0.66) & (0.99, 0.44) \\ (0.55, 0.88) & (0.88, 0.55) & (0.66, 0.88) & (0.77, 0.88) \end{bmatrix}$$

To obtain the order position of a matrix:

$$(H, A) = \begin{bmatrix} (0.99, 0.33) & (0.88, 0.99) & (0.77, 0.99) & (0.77, 0.66) \\ (0.99, 0.44) & (0.77, 0.99) & (0.66, 0.99) & (0.55, 0.99) \\ (0.99, 0.44) & (0.77, 0.99) & (0.77, 0.88) & (0.55, 0.66) \\ (0.88, 0.55) & (0.77, 0.88) & (0.66, 0.88) & (0.55, 0.88) \end{bmatrix}$$

Decision matrix for AIternative P_1

$$\begin{bmatrix} (0.66, 0.99) & (0.77, 0.99) & (0.99, 0.33) & (0.77, 0.66) & (0.88, 0.99) & (0.77, 0.99) & (0.99, 0.33) & (0.77, 0.99) \\ (0.55, 0.66) & (0.99, 0.44) & (0.55, 0.99) & (0.66, 0.99) & (0.66, 0.99) & (0.66, 0.88) & (0.77, 0.66) & (0.88, 0.66) \\ (0.44, 0.88) & (0.77, 0.99) & (0.44, 0.66) & (0.99, 0.44) & (0.77, 0.88) & (0.77, 0.55) & (0.88, 0.33) & (0.77, 0.44) \\ (0.55, 0.44) & (0.88, 0.55) & (0.66, 0.88) & (0.77, 0.88) & (0.88, 0.66) & (0.77, 0.66) & (0.99, 0.55) & (0.55, 0.66) \end{bmatrix}$$

Decision matrix for AIternative P_2

$$\begin{bmatrix} (0.55, 0.66) & (0.44, 0.99) & (0.88, 0.33) & (0.77, 0.66) & (0.44, 0.99) & (0.77, 0.55) & (0.99, 0.66) & (0.77, 0.99) \\ (0.77, 0.88) & (0.77, 0.99) & (0.44, 0.66) & (0.99, 0.44) & (0.77, 0.44) & (0.77, 0.55) & (0.88, 0.33) & (0.88, 0.44) \\ (0.88, 0.99) & (0.77, 0.99) & (0.99, 0.44) & (0.77, 0.66) & (0.88, 0.66) & (0.77, 0.99) & (0.99, 0.44) & (0.77, 0.99) \\ (0.55, 0.66) & (0.99, 0.44) & (0.33, 0.99) & (0.66, 0.99) & (0.44, 0.99) & (0.33, 0.88) & (0.77, 0.66) & (0.88, 0.66) \end{bmatrix}$$

Decision matrix for AIternative P_3

$$\begin{bmatrix} (0.99, 0.66) & (0.44, 0.99) & (0.88, 0.33) & (0.77, 0.66) & (0.44, 0.99) & (0.77, 0.55) & (0.99, 0.66) & (0.77, 0.99) \\ (0.44, 0.88) & (0.77, 0.66) & (0.55, 0.88) & (0.99, 0.33) & (0.66, 0.44) & (0.77, 0.66) & (0.55, 0.33) & (0.88, 0.77) \\ (0.66, 0.99) & (0.77, 0.99) & (0.99, 0.44) & (0.77, 0.66) & (0.88, 0.66) & (0.77, 0.99) & (0.99, 0.44) & (0.77, 0.99) \\ (0.33, 0.88) & (0.77, 0.99) & (0.44, 0.66) & (0.99, 0.44) & (0.77, 0.44) & (0.77, 0.55) & (0.88, 0.33) & (0.88, 0.44) \end{bmatrix}$$

Decision matrix for AIternative P_4

$$\begin{bmatrix} (0.99, 0.44) & (0.99, 0.44) & (0.99, 0.33) & (0.77, 0.99) & (0.77, 0.55) & (0.77, 0.44) & (0.44, 0.66) & (0.33, 0.88) \\ (0.88, 0.33) & (0.88, 0.77) & (0.77, 0.66) & (0.77, 0.66) & (0.66, 0.44) & (0.55, 0.88) & (0.55, 0.33) & (0.44, 0.88) \\ (0.99, 0.44) & (0.99, 0.44) & (0.88, 0.66) & (0.77, 0.99) & (0.77, 0.99) & (0.77, 0.99) & (0.77, 0.66) & (0.66, 0.99) \\ (0.99, 0.66) & (0.99, 0.66) & (0.88, 0.33) & (0.77, 0.99) & (0.77, 0.66) & (0.77, 0.55) & (0.44, 0.99) & (0.44, 0.99) \end{bmatrix}$$

The decision matrices with ordered position as foIIows:

Decision matrix for Alternative P_1

$$\begin{bmatrix} (0.99, 0.33) & (0.99, 0.33) & (0.88, 0.99) & (0.77, 0.99) & (0.77, 0.99) & (0.77, 0.99) & (0.77, 0.66) & (0.66, 0.99) \\ (0.99, 0.44) & (0.88, 0.66) & (0.77, 0.66) & (0.66, 0.99) & (0.66, 0.99) & (0.66, 0.88) & (0.55, 0.99) & (0.55, 0.66) \\ (0.99, 0.44) & (0.88, 0.33) & (0.77, 0.99) & (0.77, 0.88) & (0.77, 0.55) & (0.77, 0.44) & (0.44, 0.88) & (0.44, 0.66) \\ (0.99, 0.55) & (0.88, 0.66) & (0.88, 0.55) & (0.77, 0.88) & (0.77, 0.66) & (0.66, 0.88) & (0.55, 0.66) & (0.55, 0.44) \end{bmatrix}$$

Decision matrix for AIternative P_2

$$\begin{bmatrix} (0.99,0.66) & (0.88,0.33) & (0.77,0.99) & (0.77,0.66) & (0.77,0.55) & (0.55,0.66) & (0.44,0.99) & (0.44,0.99) \\ (0.99,0.44) & (0.88,0.44) & (0.88,0.33) & (0.77,0.99) & (0.77,0.88) & (0.77,0.55) & (0.77,0.33) & (0.44,0.66) \\ (0.99,0.44) & (0.99,0.44) & (0.88,0.99) & (0.88,0.66) & (0.77,0.99) & (0.77,0.99) & (0.77,0.99) & (0.77,0.66) \\ (0.99,0.44) & (0.88,0.66) & (0.77,0.66) & (0.66,0.99) & (0.55,0.66) & (0.44,0.99) & (0.33,0.99) & (0.33,0.88) \end{bmatrix}$$

Decision matrix for Alternative P_3

$$\begin{bmatrix} (0.99,0.66) & (0.99,0.66) & (0.88,0.33) & (0.77,0.99) & (0.77,0.66) & (0.77,0.55) & (0.44,0.99) & (0.44,0.99) \\ (0.99,0.33) & (0.88,0.77) & (0.77,0.66) & (0.77,0.66) & (0.66,0.44) & (0.55,0.88) & (0.55,0.33) & (0.44,0.88) \\ (0.99,0.44) & (0.99,0.44) & (0.88,0.66) & (0.77,0.99) & (0.77,0.99) & (0.77,0.99) & (0.77,0.66) & (0.66,0.99) \\ (0.99,0.44) & (0.88,0.44) & (0.88,0.33) & (0.77,0.99) & (0.77,0.55) & (0.77,0.44) & (0.44,0.66) & (0.33,0.88) \end{bmatrix}$$

Decision matrix for AIternative P_4

$$\begin{bmatrix} (0.99,0.44) & (0.99,0.44) & (0.99,0.33) & (0.77,0.99) & (0.77,0.55) & (0.77,0.44) & (0.44,0.66) & (0.33,0.88) \\ (0.88,0.33) & (0.88,0.77) & (0.77,0.66) & (0.77,0.66) & (0.66,0.44) & (0.55,0.88) & (0.55,0.33) & (0.44,0.88) \\ (0.99,0.44) & (0.99,0.44) & (0.88,0.66) & (0.77,0.99) & (0.77,0.99) & (0.77,0.99) & (0.77,0.66) & (0.66,0.99) \\ (0.99,0.66) & (0.99,0.66) & (0.88,0.33) & (0.77,0.99) & (0.77,0.66) & (0.77,0.55) & (0.44,0.99) & (0.44,0.99) \end{bmatrix}$$