

Table 3.1

| Sr. No. | Window      |   |
|---------|-------------|---|
| 1.      | Rectangular | $w(n) = \begin{cases} 1; & 0 \leq n \leq M-1 \\ 0; & \text{else} \end{cases}$   |
| 2.      | Hanning     | $w(n) = \begin{cases} 0.5 - 0.5 \cos\left(\frac{2\pi n}{M-1}\right); & 0 \leq n \leq M-1 \\ 0; & \text{else} \end{cases}$   |
| 3.      | Hamming     | $w(n) = \begin{cases} 0.54 - 0.46 \cos\left(\frac{2\pi n}{M-1}\right); & 0 \leq n \leq M-1 \\ 0; & \text{else} \end{cases}$   |
| 4.      | Blackman    | $w(n) = \begin{cases} 0.42 - 0.5 \cos\left(\frac{2\pi n}{M-1}\right) + 0.08 \cos\left(\frac{4\pi n}{M-1}\right); & 0 \leq n \leq M-1 \\ 0; & \text{else} \end{cases}$ |
| 5.      | Bartlett    | $w(n) = \begin{cases} 1 - \frac{2 \left  n - \left(\frac{M-1}{2}\right) \right }{M-1}; & 0 \leq n \leq M-1 \\ 0; & \text{else} \end{cases}$                           |