It is hereby certified that the paper ID: IJRASET13624, entitled "Improvisation of QOS Parameters by Detecting and Preventing the Black Hole Attacks using Artificial Intelligence Techniques" by Meenanshu Gupta, after review is found suitable and has been published in Volume 6, Issue II, February 2018 in International Journal for Research in Applied Science & Engineering Technology.

Good luck for your future endeavors.

Editor in Chief, IJRASET
It is hereby certified that the paper ID: IJRASET13624, entitled
Improvisation of QOS Parameters by Detecting and Preventing the
Black Hole Attacks using Artificial Intelligence Techniques
by
Mr. Varun Jasuja
after review is found suitable and has been published in
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Engineering Technology
Good luck for your future endeavors

Editor in Chief, iJRASET