

(54) Title of the invention : ROLE OF MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE TECHNIQUES TO ENABLE ROBOTS TO LEARN AND ADAPT TO DYNAMIC ENVIRONMENTS

(51) International classification :G06N0020000000, G06K0009620000, G06N0003080000, H04L0041160000, G06N0003000000

(86) International Application No :NA
 Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
 Filing Date :NA

(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)MJP ROHILKHAND UNIVERSITY
 Address of Applicant :MJP ROHILKHAND UNIVERSITY, BAREILLY, INDIA. Bareilly -----

Name of Applicant : NA
 Address of Applicant : NA

(72)Name of Inventor :
1)Prof. K. P. Singh
 Address of Applicant :Vice Chancellor, MJP Rohilkhand University, Bareilly, U.P., India Bareilly -----

2)Dr. Manoj Kumar Singh
 Address of Applicant :Assoc. Professor, Dept. of Mechanical Engineering, MJP Rohilkhand University, Bareilly, U.P., India . Bareilly -----

3)Prof. Vinay Rishiwal
 Address of Applicant :Professor, Dept. of CSIT, MJP Rohilkhand University, Bareilly, U.P., India. Bareilly -----

4)Dr. Vishal Saxena
 Address of Applicant :Asst. Professor, Dept. of Mechanical Engineering, MJP Rohilkhand University, Bareilly, U.P., India. Bareilly -----

5)Deependra Kumar
 Address of Applicant :Expert Architect, Hewlett Packard Enterprise, Bangalore. Bangalore -----

6)Dr. Hari Kumar Singh
 Address of Applicant :Asst. Professor, Dept. of Electronics and Communication Engineering, MJP Rohilkhand University, Bareilly, U.P., India. Bareilly -----

7)Manoj Sagar
 Address of Applicant :Research Scholar, Dept. of Mechanical Engineering, MJP Rohilkhand University, Bareilly, U.P., India. Bareilly -----

(57) Abstract :
 Role of Machine Learning and Artificial Intelligence techniques to enable robots to learn and adapt to dynamic environments is the proposed invention. The proposed invention focuses on understanding the functions of robotics for Continuously changing environments. The invention focuses on enabling the robots to learn and adapt to dynamic environments using algorithms of Machine Learning.

No. of Pages : 12 No. of Claims : 4