



**Bharath**  
INSTITUTE OF HIGHER EDUCATION AND RESEARCH  
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)

**FACULTY OF ARTS AND SCIENCE**  
**DEPARTMENT OF COMPUTER SCIENCE**

**BONAFIDE CERTIFICATE**

This is to certify that the project entitled "Convolutional Neural Networks" is original record, work done by "S.SHAHUL HAMEED" P17CA733., under my guidance and supervision for the partial fulfilment of award of degree in Master of Computer Applications (M.C.A) as per syllabus prescribed by the Faculty of Arts and Science, Bharath Institute of Science and Technology, Bharath Institute of Higher Education and Research, Selaiyur, Chennai.

  
PROJECT GUIDE

Ms.V.Ramya

  
HEAD OF THE DEPARTMENT  
Head of the Department  
Dept. of Computer Applications  
Faculty of Arts & Science  
Bharath Institute of Higher Education and Research  
Dr. A. Muthukumaravel  
(Declared as Deemed to be University U/s 3 of UGC Act 1956)  
Chennai-600 073, INDIA

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INTERNAL EXAMINER

  
EXTERNAL EXAMINER