

BONAFIDE CERTIFICATE

This is to Certified that this project report "SOUND LOCALIZATION BASED ON PHASE DIFFERENCE ENHANCEMENT USING DEEP NEURAL NETWORK" is the bonafide work of **B. SAI HARSHITH (U16BM065), KAKANI KARTHIK (U16BM032)** who carried out the research work under my supervision.



SIGNATURE

Dr. VASUKI.R

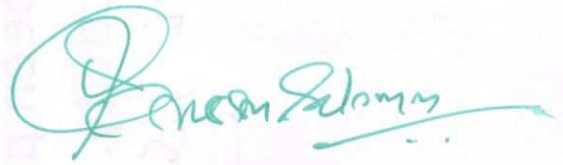
PROFESSOR & HEAD

DEPT OF BIOMEDICAL

ENGG. BIHER

SELAIYUR,

CHENNAI-73



SIGNATURE

DR.EMERSON SOLOMON F

PROFESSOR

DEPT OF BIOMEDICAL

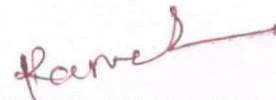
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INTERNAL EXAMINER



EXTERNAL EXAMINER