4.0 AIM AND OBJECTIVES

4.1 Aim

To develop an instrument to measure music receptivity.

4.2 Objectives

4. To construct an instrument to measure music receptivity by item generation and validation.
5. To test and validate the instrument amongst different individuals in the context of Indian music.
6. To find out the validity of the developed instrument (in a *bhajan* setup) amongst yoga population.

4.3 Justification for the study

The study aims to develop an instrument which can measure Music Receptivity in an individual, by analysing the factors associated with Music Receptivity and the dynamics that are involved in its process. This instrument, the Music Receptivity Scale (MRS) will be tested and validated among individuals and thereby the internal consistency reliability of the items and construct validity of the instrument will be computed. It will also contribute to generation of knowledge in understanding the complexity of factors which interplay in the process of Music receptivity. It may also give conclusive evidence in regard to the association of different socio-demographic variables with music receptivity. It will also throw light on the variability of different factors that leads to Music Receptivity in individuals. Most importantly the developed instrument would work as a feedback for the music therapist and this would render the overall therapy session more effective. Currently, various neuroimaging techniques such EEG, fMRI, PET etc. are employed to measure an individual's experience to music. There is question of ecological validity here. Music is generally heard and appreciated in natural settings whereas these experiments are conducted in a laboratory setting. Therefore we require an instrument that could measure an individual's experience to a given piece of music, in a real-life situation. The developed instrument may find its immense application in the field of clinical music therapy, owing to the potential of the proposed tool to appraise the subjective experience of an individual, immediately post-listening. The construct music

receptivity will be developed and its association with various existing constructs in music psychology such as musical identity, mood modulation, music perception, Aesthetic Trinity Theory will be explored.

4.4 Research questions

1. Can a psychometric instrument (MRS) be developed to measure Music Receptivity and validated on healthy population, without formal training in music?
2. Can the developed MRS differentiate between a population formally trained in music from a population without formal training in music?
3. What is the nature of emotions/feelings experienced within individuals and what is the extent to which the given music is internalized?
4. What is the convergent validity and divergent validity of the developed instrument?