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## CONCLUSION

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In recent years a lot of development has taken place in the field of electronics related to all musical instruments in direction of sound production, propagation and reception but it has not happened up to the mark for Sitar.

Because of the development in the field of electronics, many electronic musical instruments have come into the picture in recent decades, which are used in contemporary music.

Presence of these electronic musical instruments affect and influence the performance of traditional musical instrument Sitar. As a result when we make use of Sitar in live concerts of contemporary music we find some difficulties.

Sitar Timbre gets irrelevant, during live concerts while playing along with other musical instruments; it becomes difficult to tune during its operation in live concerts, and have to keep dependency on sound operator for expected tonal quality.

So some features are desired to be implemented in the Sitar to make it more competent in accordance with the contemporary Indian as well as Western musical Instruments.

Below is the list of features which can be attained by doing the changes internally or added externally to the main instrument.

### **List of Desired Features**

- ✓ Electronic features
- ✓ Physical features and
- ✓ Aesthetical features

### **Electronic Features**

- ❖ Amplification
- ❖ Changeable Tonal Quality
- ❖ Changeability of Sustention of the Sound
- ❖ Tuning
- ❖ Recording of Sound
- ❖ Retrieval of Sound
- ❖ Monitoring of Output Sound
- ❖ Volume Control
- ❖ Mute

### **Physical Features**

- ❖ Portability
- ❖ Durability/ Unbreakable
- ❖ Light Weight & Compact
- ❖ Foldable
- ❖ Standardisation
- ❖ Pitch / Scale Changeability
- ❖ Fine Tuning of Pegs Using Digital Press Buttons

Researcher has focused on fulfillment of electronic features in an analytical way, and in a practical way to some extent.

Researcher designed a unit in an analytical way making a right combination of Transducer, Signal Processor, Tuner, Power Supply, Housing and some other parts. Which is capable of executing all above electronic features.

Here, though the instrument is enriched by value added features, timber will not be affected in any manner /can be varied as per requirement of an artist.

As a resultant the instrument can be enriched in such a manner that it gets synch and equivalency in accordance with other Indian or Western musical instruments in live indoor concerts.

Along with the electronic features if some physical features are added as discussed in previous part i.e. Compactness in Size, Portability, Lightness In Weight with Enhancement in Aesthetical values, will give Sitar, a Royal, Rich, Trendy and Touchy Look, offering it a New International Recognition.

So the **objective of this thesis** “Fulfillment of Desired Features of Sitar in Utility of Live Concerts of Contemporary Music - An Analytical Study” **is concluded according to my perception.**