The Historical Context and Present Scenario of Madal

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Abstract: Madal is a two-faced hand drum used in Nepali music. It is also well-known throughout the world as a percussion instrument commonly employed in Nepali traditional music. In terms of its structure and playing style, limited works of literature and treatise have mentioned some rhythmic instruments akin to the m dal. The origins of the m dal have been linked to ancient instruments such as the mridanga, mardal, and muraj. The evolving trend of this musical instrument has been thoroughly examined in this study. The sources of information for this study were textual reviews and field trip notes. Furthermore, the researcher has also reviewed some research studies focusing on the caste and communities associated with m dal. As a result, the current study is intended to be a valuable resource for people interested in learning more about m dal. Similarly, this study has underlined the importance of m dal in the current global context.

Keywords: Folk-song, mādal, mardal, musical instrument, nātyashāstra, tri-pushkar.

Introduction

Among the varieties of musical instruments, the *madal* is one of the popular in mostly Nepali music field. It has been a representative and ideal musical instrument for each Nepali since ancient days. Most musical events, feasts, and festivals would be in the dark without it. Its indispensability has been almost on the top, ever in Nepali society, which is most famous folk musical instruments associated with our culture and lifestyle. " $M\bar{a}dal$ is a symbol not only of Nepali folk music but also of the whole Nepali music" (Regmi, 2058, p-3). So, it has been able to take a special place in the existing folk music in Nepali society since time immemorial. There is no doubt that $m\bar{a}dal$ has always been present at every moment of sadness and joy in Nepali society. The current research is primarily concerned with the historical facts and charismatic significance of madal both within and outside of Nepal.

Methodology

The present article is prepared in a descriptive manner. The secondary types of data were utilized, reviewing the texts, books, research articles, news, theses, unpublished papers, and others. Library visits and web surfing were carried out to review the kinds of literature frequently as per necessity. A few field visits to *Chāngunārayaṇ*, *Gokarṇeshwara*, *Mahālaxmi* temples, Kathmandu, Bhakatapur and Patan Durbar Square were made to collect some photos.

Historic aspects of $M\overline{a}dal$

The very first musical instrument in this world, according to Hindu epic, is assumed to be the Damaru. It was believed to be created by Lord $Mah\bar{a}dev$, which is an $Avanadda\ V\bar{a}dya$, a kind of percussion instrument. According to the story, while Lord $Mah\bar{a}dev$ started dancing cosmic $T\bar{a}ndava$ dance, he felt the lack of rhythm. So, he created the Damaru to accompany $T\bar{a}ndava$ (Mishra, 1992, p -70). In the Hindu religion, most of the Gods and Goddesses have been associated with music subjects, i.e. singing, instrument, and dance (Poudel, 2021a). Lord Ganesh and Indra are associated with mridanga (Regmi, 2058), which is similar to $m\bar{a}dal$ of today. Mridanga is one of the $Tri-Pushkar\ V\bar{a}dya$, which was created by $Sage\ Sw\bar{a}ti$, as stated in eastern ancient text: $N\bar{a}tyash\bar{a}stra$ (Mishra, 2006, p -3). Likewise, $\bar{A}waj$ is another synonym word for Mridanga, which is known as $Pakh\bar{a}waj$, today (Mishra, 1992, p -64).

As stated in Nātyashāstra :

Mridanga Bheri Patahair Bhānda Dimdima Gomukhai:

Paṇawai Durdura chaiwa Sarwātodyai Prawāditai:/

(Malaviya, 1997, p -76)

Mridanga was one of the musical instrument of ancient time and has been popular at present too. Another eminent text *Sangīt Ratnākara* has stated (Chaudhari, 2006, p -509) that,

...Nigadanti Mridangam tam Mardalam Murajam tatha...

which denotes $m\bar{a}dal$ with mardal or mridanga or muraj in the same sense. Veteran $m\bar{a}dal$ player Subi Shah in his book ' $M\bar{a}dal$ ' mentions as $m\bar{a}dal$ in a modified form of Mridanga (Shah, 2039, p -1). There is a ritual belief in Hindu religion that Goddess $P\bar{a}rbati$ and God Shiva stay on left and right face of Mardal, respectively, according to a lines stated in a text, composed in between 7^{th} to 11^{th} century by $N\bar{a}rada$ in $Sang\bar{\iota}tmakaranda$ (Telang, 1920, p -21).

Dakshinānge sthito Rudra Umā bāme pratishthitā; Shivashaktimayo nādo mardale parikirtita:

The structure of mardal stated in $Sang\bar{\iota}t$ $Ratn\bar{a}kara$ by $Sh\bar{a}rangadev$ (Chaudhari, 2006, pp 508-509) is exactly the same as the structure of $m\bar{a}dal$ today. So, the existence of $m\bar{a}dal$ starts from the ancient period and continues to the modern days. Some photos of sculptural works taken by the researcher relating to $m\bar{a}dal$ -like instruments in some Nepali temples are given below, which evidence the existence of musical works, especially the existence of $m\bar{a}dal$ in Nepal since ancient times.



Figure 1 *Nandi* playing *Tri-Pushkara* (*Gokarneshwara* Temple)



Figure 3 *Yakshya* playing *Muraj* (*Chāngunārāya*ņ Temple)



Figure 2 *Bhringi* playing *Mardal* or *Mridanga* (*Gokarneshwara* Temple)



Figure 4 An angel playing *Pakhāwaj* (*Bhaktapur* Durbar Square)



Figure 5 A group performance by Dancer, *Mardal* and *Jhyāli* player (*Chāngunārayaṇ* Temple)



Figure 6 Lord playing instrument at *Chāngunārayaņ* Temple



Figure 8 *Mādal* player in dancing pose at Kathmandu Durbar Square



Figure 7 playing three faced drum Kathmandu Durbar square



Figure 9 stone carving of a *Mādal* player (downward, second last) *Umāmaheshwara* at *Kumbheshwor* Temple water spout, *Patan*.





Figure 10 Newār people in Lhasa parading with madal-like drum during 1903 AD (source: Frederick Marshman Bailey)



Figure 11 Group dance with $m\bar{a}dal$ (source: youtube)

Likewise, the $m\bar{a}dal$ is associated with the magar people in the hilly region of Nepal. Traditionally, Magar people use to play mādal during their Sorathi, Kaudā, Ghātu, Sālaijiu dance and songs (Tiwari, 2060, p -104). Other communities i. e. Brāhmin, Kshatriya, Durā, Kumāl, Gurung also play mādal in the local ceremonies, like farming, cultivation, feast, and festivals. New $\bar{a}ri$ people of Nepal also use to play $m\bar{a}dal$ with their folk tunes. The leather instrument is called 'Khin' in New $\bar{a}ri$ language. So, these people have named $m\bar{a}dal$ as 'Maga-Khin'in their mother language, which means the instruments belonging to Magar caste (Thomas et al., 1960, p -411). "Nepali scholars agree that the drum $(m\bar{a}dal)$ is typical to the Magar caste in the central Nepali hills west of Kathmandu" (Maharajan & Moore, 2010, p -5).

In the past, Nepali people used to visit Indian places for employment, trade, pilgrimage, and educational purpose and Indian people also used to visit Nepal for the same causes. So, it can be easily assumed that, during those days, due to the movement of people across those two countries, either the $m\bar{a}dal$, probably, would have been arrived from the places of India, where, mridanga or pakhāwaj was popular or $m\bar{a}dal$ would have been reached to the territories of India. Likewise, the Nepali Gurung and Magar people in the Indian army, in the past, also can be assumed as the carrier of the $m\bar{a}dal$ from Nepal to ancient India, and probably, Indian scholars reformatted $m\bar{a}dal$ into mridanga as per their convenience or vice-versa.

Folk music scholar, Kandel has opined that, before the unification of Nepal by King Prithvi Narayan, the *magar* ruler had occupied most of the territory of Nepal and they popularized the $m\bar{a}dal$ throughout the country in between the 8th to 12th centuries (Maharajan & Moore, 2010, p -6). On the other hand, since primordial days, there have been many other musical instruments in practice, which seemed similar in the name, as well as, the physical structure of $m\bar{a}dal$, inside Nepal and in India too.

As discussed before, $m\bar{a}dal$ is the alternate name of mardal (Mishra, 1992, p-88). The $m\bar{a}dal$ in Bengal, Chhattisgarh (Sen, 2005, p-78), Rajasthan, South India (Sen, 2005, p-148) seem similar in name, and the structure of $m\bar{a}dal$, which are bigger than Nepali $m\bar{a}dal$ in reality. Likewise, Maddale (Sindhusri, 2020) is an inevitable rhythmic instrument alike $m\bar{a}dal$ at Karnataka, while performing $Yakshag\bar{a}na$ - a theater form that combines, dance, music, dialogue, costume, make-up and stage techniques, which was developed with the Bhakti movement during 11^{th} century (Dey, n.d.). Late Hiriyadka Gopala Rao (1919-2019AD) was an eminent maddale maestro from Kannada (Reporter, 2019). Similarly, the Sudha Madhalam is another percussion instrument similar to $m\bar{a}dal$ accompanied with Keli, $Panchav\bar{a}dyam$, Kathakali and Krishnanattam in Kerala (Cultural dept of Kerala, n.d.). The playing style of maddale (Upadhya, 2018) seem similar to the $Kh\bar{l}n$ (Kutumba, 2016), a kind of rhythmic instrument which is very popular in the New $\bar{l}n$ community in Nepal. Some examples of $m\bar{l}n$ and alike drums found in internet are presented below:



Figure 12 North Indian Pakhāwai



Figure 13 Newāri Khīn Baja



Figure 14 Nepali Rāni Mādal



Figure 15 Sudha Madhalam Kerala



Figure 16 Copper *Yaba Mridanga* Nepal



Figure 17 *Gilāse Mādal*



Figure 18 Maddale at Karnataka



Figure 19 *Mādal* players in *Sakhiyā* dance Surkhet, Nepal

Manufacture and structure of $m\overline{a}dal$

The major material for manufacturing the $m\bar{a}dal$ are hollow log, goatskin, straw-ash, metal powder, glue, and other hand tools (Shah, 2039). As it is a leather instrument, animal skin, especially, goatskin is widely used to make good quality $m\bar{a}dal$. The log $(Gh\bar{a}r)$ is specially made from the trees like *Chhatiwan* (Alstonia scholaris), *Shirish* (Mimosa Lebbeck), Chāp (Michelia champaca), Simal (Bombax ceiba), Utis (Alnus nepalensis), Kadam (Anthocephalus chinesis), Khirro (Apocynaceae), Bamboo, and Siudi (Cactus) (Shah, 2039 p-3). Shārangadev has mentioned the Bijpur (Bimiro) tree-log for making the mardal (Chaudhari, 2006, p -509). The log is carefully hollowed from both sides, 1 foot to 2 feet in length. While hollowing, one side of the log is made smaller in circumference in comparison with the other. The smaller face is known as male ($Bh\bar{a}le$) and larger is known as female (Pothi) (Shah, 2039, p-3). For the tightening purpose, a long leather strap (rope) is weaved in a zigzag pattern, on the edges $(Mathur\bar{a})$ of both sides of goatskin, which covers both hollow ends. After tightening the processed goatskin at both ends of $gh\bar{a}r$; a mixture of straw-ash, metal powder, and glue is pasted carefully for the purpose of producing resonating sound if a stroke is made. Madal is played either by hanging on the waist or sitting. Traditionally, specific castes of Nepal, like Chanāra, Sārki (shoe-maker), Kulu, and Bādi are engaged in the manufacturing of mādal (Shah, 2039, p-2). But today, this skill has been converted into a money-earning professional business. So, there is no boundary of castes in the production of $m\bar{a}dal$. Basically, the hilly regions of Nepal are popular places for producing the $m\bar{a}dal$ in a wide range.

Kinds of $M\overline{a}dal$

Due to the different aspects of $m\bar{a}dal$, like pattern, size, type, usage, and, various kinds of $m\bar{a}dal$ are found according to location, and caste specific. The names of the $m\bar{a}dal$ are also different from the place by place and caste by caste. In the hilly region, small-sized $m\bar{a}dal$ is used, because it is easy to carry and dance on up and down landscapes. $Purbeli\ m\bar{a}dal$ is small in size and popular in eastern hilly part of Nepal, and $Pashchimeli\ m\bar{a}dal$ is comparatively big in size and accompanied with local tunes which are popular in the western hill and $ter\bar{a}i$ region of Nepal. $R\bar{a}ni\ M\bar{a}dal$ is much popular in $P\bar{a}lp\bar{a}$ district (Karki, 2022). $Sorathi\ m\bar{a}dal$ is another type of $m\bar{a}dal$ which accompanied with sorathi tune and dance since the 16th century. Basically, $Gurung,\ Magar,\ Br\bar{a}hmin,\ Kshetri,\ Kum\bar{a}l$ communities in $Dhaul\bar{a}giri,\ Gandaki,\ R\bar{a}pti,\ Bheri,\ and\ Lumbini\ districts\ of\ Nepal\ are\ engaged\ with\ <math>Sorathi\ (Tiwari,\ 2060,\ p-104)$. Likewise, $Sakhiy\bar{a}\ M\bar{a}dal$ and $Jhumri\ M\bar{a}dal$ are accompanied with folk tunes and dances of $Th\bar{a}ru$ community of $Ter\bar{a}i$ region of Nepal (Karki, 2022).

Syllables played in $M\overline{a}dal$ then and now:

There have been some mnemonic syllables of $m\bar{a}dal$ since ancient times. Those syllables (Varna- basic alphabets) are played with certain methods. Basically, special parts of the hand: palm and fingers are used to produce the appropriate sound from both faces of $m\bar{a}dal$. As stated in 1033 and 1034 shloka of " $Sang\bar{\iota}t$ $Ratn\bar{a}kar$ ", by $Sh\bar{a}rangadev$, he had pointed 32 syllables altogether could be produced from mardal. 7 syllables Tat, $Di\dot{n}$, Tho, Te, He, Nan, De are produced from the right face, and 6 syllables, Tha, Ta, Lha, Da, Dha, La from the left face. In addition, 16 other syllables of Pataha (Today's Dholak) and 3 syllables by another opinion Bha, Jha, Ma- 3 syllables.

Today, many of those alphabets have disappeared and some are changed or mixed with other syllables. As far as $m\bar{a}dal$ is concerned, the experts of $m\bar{a}dal$ have summarized 5 basic syllables: 1. $Ta\chi T\bar{a}/Na/N\bar{a}$, 2. $T\bar{a}/Tin/Ti/Tu\dot{n}$, 3. $Dhi\dot{n}/Dhi/Di/Da$ 4. $Fa\chi/Fa/Kha\chi/Kha$ 5. $Jhy\bar{a}m/Dhing/Dh\bar{a}ng$. Those syllables practiced today are somehow similar to the syllables from ancient times.

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Present Scenario of madal

Mādal has gone through various epochs, since its origin. In ancient times, Mardal was accompanied with both, religious and folk music, which is mentioned in various ancient music texts. Mādal was accompanied with those types of songs, which were about historical ballads, historical tales of ancestors, religious hymns, romantic, and sad songs. Even today, Mādal is still played with equal importance. This musical instrument has been playing an important role in special occasions, festivals, farming, and other local ceremonies as inevitable. The role and importance of this popular instrument in the present context can be analyzed with the following aspects.

$M\overline{a}dal$ as the heartbeat of folk music

According to experts, folk music is the basis of our culture. Without music, culture becomes dull and crippled. The arts and artists in society are the bearers of tradition, generation to generation (Bohlman, 1988). Musical performances of singing, instrument playing, and dancing at different times and contexts are a beautiful way to express the feelings of human beings and to mirror the actual society (Mukarung, 2078). So, the music is glue for social integration. Alike, the $m\bar{a}dal$ also has been playing a coordinating role in the musical heritage of Nepal, which is celebrated since the traditional era. People from different communities including magar, gurung and other castes living in Nepal have been embracing $m\bar{a}dal$ as their ancestral musical instrument. Therefore, $M\bar{a}dal$, which has been played in folk music since the past, has been the heartbeat of Nepali folk music heritage.

$M\overline{a}dal$ as the identity of Nepal

Nepal is famous as a country, rich in folk culture in the international arena. "Nepal has been second to none in its musical tradition" according to an eminent musicologist (Darnal, 1993). Most of the 126 castes, here, have had their own way of living, festivals, and traditions since the past. So, from birth to death many musical patterns have been found in the society that exists as a tradition or practice. Most of the existing musical instruments in Nepali society are found to be fixed for certain purposes by tradition, i.e. from permission to proscription (Regmi, 2015). But $m\bar{a}dal$ is such type of musical instrument that can be played and performed in all seasons, all months, and all days except in the hour of mourning. In most of the performances of Nepal in the representative programs held in the country and abroad, the presentation of Nepali folk music has been found to be indispensable, where the $m\bar{a}dal$ is found played, sometimes as the main instrument and sometimes as an accompanying instrument. In this context, $m\bar{a}dal$ has always been an important musical instrument in each national and international level music conference representing Nepal (Shah, 2039, p-2). Thus, it has been known as the identity of all Nepali. This has been termed "the national rhythm instrument of Nepal" (Tiwari, 2060, p -41).

$M\overline{a}dal$ as a professional subject

In modern times, music is studied as a rich profession, whereas, in the past, music was practiced as a subject of entertainment and self-expression. On the one hand, music used to be performed in the worship of gods and goddesses, on the other hand, music was developed as a powerful medium to express the events prevailing in the country and society and the feelings within an individual. At present, the importance of music for human life is increasing along with all these aspects. Compared to the eastern world, the professional attitude towards music in the western world is found to be more organized and stronger. In the case of $m\bar{a}dal$, it has been popular most in Nepal, and gathering fame in the international market gradually for some decades. It is reported that Nepali musician Ranjit Gajmer firstly used mādal during 1971 AD, in the Mumbai film music industry (Gaekwad, 2018) (Sasad, 2018). That made $m\bar{a}dal$ a more popular musical instrument in the SAARC region through the Indian film "Hare Rām Hare Krishna". Before the entry of $m\bar{a}dal$ in Mumbai, many Nepali cultural trips were already had made to international forums along with $m\bar{a}dal$. From this point of view, the performance of $m\bar{a}dal$ has become as popular as any other subject of music.

Nepal's veteran maestro *Nhuchche Bahadur Dangol* (Kantipur, 2018) (Karki, 2022) is an exemplary personality who has been making a name and fame for himself and his country by presenting the $m\bar{a}dal$ music on stage at home and abroad, which he learned from his ancestors and guru. He has visited 19 countries with $m\bar{a}dal$ music (Karki, 2022). Recently, another eminent Nepali $m\bar{a}dal$ maestro from West Bengal, Kalimpong, Kaajee Singh has been honored with the Padma Shri award -2022 by the Indian government for his great contribution for preserving and promoting Gorkha folk culture ($Ministry \ of \ home \ affairs \ press \ note$, 2022). This award has made all Nepali as well as all $m\bar{a}dal$ players proud of the music profession. Thus, undoubtedly, in the current context, $m\bar{a}dal$ seems to be established itself as a professional subject.

$M\overline{a}dal$ as a subject of higher study

After the establishment of Tribhuvan University in Nepal, Padma Kanya College in 2017 BS, Ratna Rajya Campus in 2030 BS, Lalit Kala Campus in 2033 BS, and Kathmandu University in 2053 BS, started teaching music as an academic subject (Pokhrel, 2021). Many Nepali scholars have been awarded higher degrees in separate subject of music from different universities (Dhakal, 2021). With the flow of time, theoretical and practical classes on $m\bar{a}dal$ under folk music have been taking place in the courses of Tribhuvan University (Lalitkala campus, 2015), Kathmandu University, and in other private colleges too. At present, separate classes of $m\bar{a}dal$ from school level to university level have been arranged as other subjects. After the establishment of the National Theatre and Royal Nepal Academy during 2014 BS in Nepal, many periodical pieces of training and instructional programs related to $m\bar{a}dal$ have been organized time by time, which has been accelerating the popularity of $m\bar{a}dal$. Thus, it cannot be denied that $m\bar{a}dal$ has been established as a separate subject of study. Many private and community-based organizations have been conducting training on $m\bar{a}dal$ for decades.

$M\overline{a}dal$ as a multidimensional musical instrument

Among the 5 types of instruments prevalent in music (Poudel, 2021b), $m\bar{a}dal$ is studied under $Avanadda~B\bar{a}j\bar{a}$ (Percussion instrument). Apart from accompanying folk music, there has been a new trend to play $m\bar{a}dal$ with other songs and music too. $M\bar{a}dal$ is now widely used in folk songs, hymns, pop, movie music and other local and foreign music. There are many ample examples of Nepali artists and bands performing music at home and abroad (Yerina & Ivan, 2010), presenting the use of $m\bar{a}dal$ from various dimensions. It seems that $m\bar{a}dal$ has been presented not only for rhythmic purposes but also in melodic purposes for creating tunes as $m\bar{a}dal$ -tarang (Tintala, 2007). Similarly, e- $m\bar{a}dal$ is another example of $m\bar{a}dal$'s variety of experimentalism, through which $m\bar{a}dal$ can be used for other phonetic uses including rhythm and melody. Likewise, $m\bar{a}dal$ has been played not only placing horizontally, placed vertically too, which in called ' $Gil\bar{a}se$ - $m\bar{a}dal$ ', placed like a drinking water-glass (Fig. 17).

Apart from these views, sometimes $m\bar{a}dal$ was the only one popular musical instrument accompanied by cadre to fight against Ranacracy and autocracy through conscious songs which supported for the emergence of democracy in Nepal. Many of the writers, novelists, cinema – makers, lyricists also have been expressed about $m\bar{a}dal$ in their creations, i.e. singer late Dharmaraj Thapa and others.

Conclusion

There are synonymous names of mridang like muraj, mardal, $pakh\bar{a}waj$, which have been playing an important role in the music field from Vedic times to modern times. This study has further strengthened the fact that the ancestral instrument of Nepali percussion instrument $m\bar{a}dal$ is mardal or mridang, which has been played with religious and social significance, since the old days. The process of manufacturing, the syllables, the playing styles of $m\bar{a}dal$

today are found similar to mardal during the ancient era. Many similar instruments like $m\bar{a}dal$ are found in use with various names in multiple places. The important aspect is that, the playing style of $m\bar{a}dal$ in Nepal is an unique. Likewise, the present study has stated six major aspects concerning to the popularity of $m\bar{a}dal$ at present situation in Nepal. As far as works of literature relating to $m\bar{a}dal$, there the researcher noticed a few other research articles mentioning caste and communities associated with $m\bar{a}dal$ in internet, $m\bar{a}dal$ related some books and general articles in Nepal. The study would be more effective if community visits were arranged. This study will be definitely a strong reference for future authors and researchers who seek for the historical facts of this musical instrument. Similarly, the present article will be very much relevant for teaching purposes also to clarify about the historical and current situation of the $m\bar{a}dal$ from different perspectives.

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