

## Marble Artefacts

Rajasthan is widely known for its stone carving works. With the passage of time, this has taken shape of a huge market with local, national, and international demands. The stone sculpting works mostly have demands from

- Religious temples and for idols.
- Corporate Houses and Hotels for architecture works.
- Art Showrooms/ Gift Shops for home decor items, dining plates, etc.

With the advent of modernization, mechanization, and globalization, the demand for marble works has increased tremendously. However, artisans are facing a bottleneck in developing new marble artefacts and stone carving design. It is usually based on hand-work solely. Support and expose of machines or new technologies still remain a challenge to the artisans. RuTAG IIT Delhi team visited the cluster to observe the problems faced by the artisan clusters near Bharatpur, Rajasthan. It was observed that the artisans have brilliant skills of carving, chiselling, clay modelling, sculpting, nakkashi, etching, engraving, fretwork and painting which produce amazing models, as shown in fig. 1. However, art is losing its motivation mainly due to lack of innovation in designs which could cater to the changing trends in the market.



Figure 1 Some Artefacts by the Artisans in Bharatpur, Rajasthan

RuTAG IIT Delhi along with design students from the Instruments Design Development Centre (IDDC) at IIT Delhi, created news models using CAD. Those were shared with the

artisans. The artisans manufactured those as per the design provided by RuTAG IIT Delhi. They are shown in Figs. 2-7.



Rs. 400



Rs. 350



Rs. 250



Rs. 300



Rs. 250

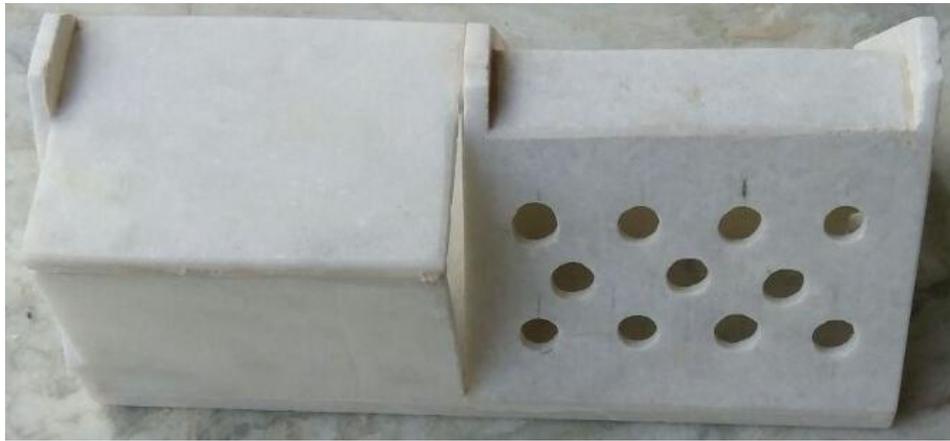
Figure 2 Tape dispensers



Rs. 400



Rs. 400



Rs. 500

Figure 3 Pen and Visiting Card Stands



Rs. 400



Rs. 300

Figure 4 Mobile Charger and Paper Weight



Rs. 300



Rs. 350

Figure 5 Pen Holders

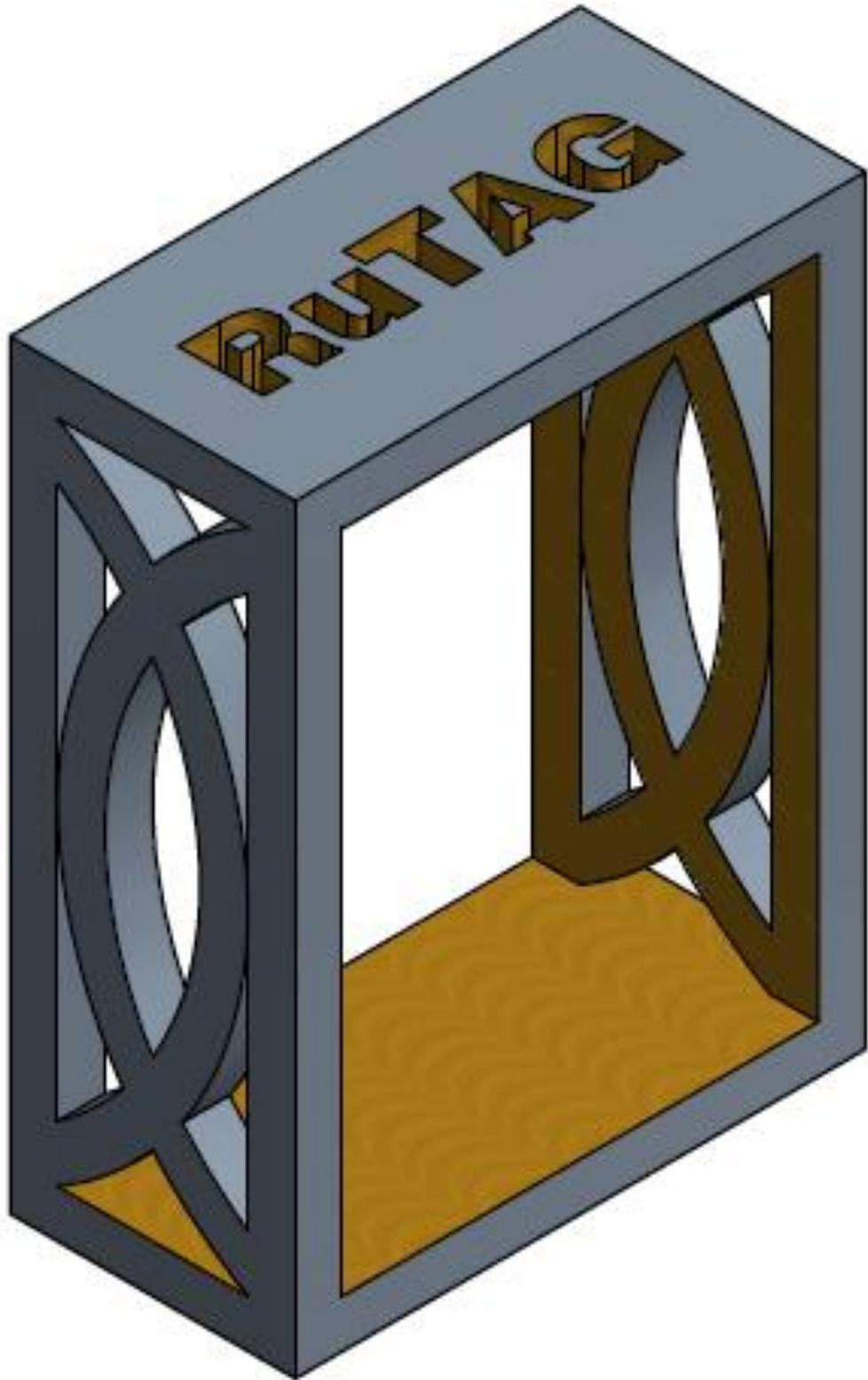


Rs. 400



Rs. 400

Figure 6 Ash Trays



Rs. 1500

Figure 7 Wall Hanger