

Today aggregate industries are going great guns as innumerable road and Infrastructure projects are currently on offer across the country. But many people are not aware about the latest technology and proper planning of mines resulting in higher production cost. The Deeptec Infrastructures produce fully integrated long-and short-term mine plans. It operates an advanced mine design system within a full 3d environment. Real time rotation coupled with interrogation of block models during the design stage allows economic criteria to be used in the design of production excavations. A centralised error free database structure gives complete idea of geological model places a project into a schedule. Communication is crucial in implementation, as the 3D mine plan gives options to convey information in a very easy format, delivering the technicalities from top to bottom i.e. up to a level of layman. Everybody associated with the project can understand the criticalities. It gives increased productivity due to reduced planning time through the implementation of clear engineering process; it avoids the process of trial and errors at the time of execution.

The accountability starts at the beginning of the project & can think of financial closure with better profit margins. It improves communication of planning at all levels.

By this 3D mine plan unique methodology; the mining activity can be sequenced in a well planned manner & can be sent to all levels in the jpg format.

The geological reports can be very easily interpreted in 3D geo- model with coordinates & levels.

Whatever has been planned in 3D can be then converted to a systematic activity list or MS Projects delivering timeline & commercials. Resources can be equipment, labour, material etc. and can be assigned onto activities.

The costs can be altered over time to reflect variations in planned revenue, cost and cash flow.

Deeptec is a company which set up with a broad spectrum to understand the basic processes & criticalities in the field of quarrying and crushing. The new technology needs to be implemented and executed to optimize the process, at the same time it should be economical. The company constantly working on indigenization of IT tools available world-wide and offer a complete Mining Module required for optimization of Quarry.

Future plans

The company's future plan include to provide its expert services to application and implementation of mobile crusher. Also planning to start a rental division to support small and medium scale projects where contractors cannot buy latest high value equipment. It has now started with top hammer hydraulic drills on rental basis.

The company guarantees: Increase in quarry production, Increase in Crusher production, Undersize Fragmentation, and Minimal Secondary Breaking.