Department : **Mechanical**

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Group No: **3**

Guided By

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# SMT. S. R. PATEL ENGINEERING COLLEGE, UNJHA

**Project Title**

**MULTI FUNCTION CONVEYOR BELT IN X-Y DIRECTION**


## Abstract:

Bulk material transportation requirements have continued to press the belt conveyor industry to carry higher tonnages some distances and more diverse routes. In order keep up, significant technology advances have been required in the field of system design, analysis and numerical simulation. The application of traditional components in non-traditional applications requiring horizontal curves and intermediate drives have changed and expanded belt conveyor possibilities. Examples of complex conveying applications along with the numerical tools required to insure reliability and availability will be reviewed. Although the title of this presentation indicates "new" developments in belt conveyor technology will be presented.

What is also "new" are the system design tools and methods used to put these components together into unique conveyance systems designed to solve ever expanding bulk material handling needs. In industry for material handling many fixed conveyor belt is required. So the installation and maintains charge of fixed conveyor belt is increased for solution of this problem. We create 360 degree rotated flexible conveyor belt.

This conveyor belt is use in place of fixed conveyor it use any place like industry, warehouse, food industry any ware easily. And the installation and maintains charge is decreased place of num of fixed belt conveyor.

So in all matter it is the better than fixed conveyor belt.


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