



Mini Project List

Academic Year 2017-18

Sr. No.	Name of the students	Model	Class
1.	Nikhil Gite Chinmay Andhare Akshay Bagal Sanjit Sangale Kiran Aher	Hydraulic / pneumatic brake (Axial type): it's a prototype of disk brake prepared using injection syringe and saline	S.E.
2.	Bhat Kaustubh Hemant Bhojane Pramod Ankush Borole Pratik Reva Palhal Sagar Bharat Chatur Chetan Kailas	Geneva mechanism : Geneva mechanism (Indexing using four bar chain with coupler link to demonstrate a special case of function generation)	S.E.
3.	Pokale Pallavi Khangar Pratik Kakuste Nikhil	Modified beam engine: normal beam engine consists of four links, but this consist of six links and 7 joints with single degree of freedom, it makes the mechanism more robust	S.E.
4.	Shambhavi Gupta Girdhar Gohel Dipak Karlekar Shubham Kinkhalkar	Watts straight mechanism: to obtain exact straight line motion this mechanism is used. This is demonstration model.	S.E.
5.	Bardiya Purvesh Santosh Chhatani Sunny Dilip Chincholikar Nitish Shrikant Patil Rahul Virendra Potdar Ankush Sachin Surana Aditya Pankaj	Body guidance of Desk: A very useful example of body guidance. It can be used in homes as a study or working desk. It can be accommodated in very small space	S.E.