



Bhagwant University

Project by Students of Mechanical Engg. Deptt.

Pride Project 1st time in RAJASTHAN

UAV Y-1



**Flown
&
Tested**

SUCCESSFULLY

Specifications

Dimension	: 1.44 x 1.34 m
Engine	: JBA .51 A
Material	: Balsa wood
Weight	: 3.5 Kg
Fuel	: Methanol + Castor Oil
Cost	: 1.5 Lacs
Top speed	: 200 Kmph
Flight time	: 12 minutes
Control	: Radio Remote
Range	: 1 km
Camera	: wireless 2.4 Gz

Project Guide : Prof. O.P. Arora (HOD, Mechanical Deptt.)

Team Leader : Yash Chawla (Mech VIII sem)

Team Members :

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|-------------------|----------------------|--------------------|
| 1) Gurdeep Singh | 11) Dharmendra | 21) Rahul Kachhawa |
| 2) Mohit Kumar | 12) Mayank Sharma | 22) Kapil Sharma |
| 3) Anuj Bansal | 13) Sandeep Reswal | 23) Pankaj Sharma |
| 4) Sandeep Reswal | 14) Praveen Rathore | 24) Aniket Gupta |
| 5) Chandrashekhar | 15) Devendra Singh | 25) Ghansham Singh |
| 6) Ruchi Sirotha | 16) Afzal Hussain | 26) Deepak Yadav |
| 7) Rekha Sharma | 17) Pradeep Sharma | 27) Nilesh Singh |
| 8) Gaurav Chauhan | 18) Shashank Shubham | 28) Ajay Yadav |
| 9) Ankit Singh | 19) Saurabh Chipa | 29) Vikas Yadav |
| 10) Ajay Singh | 20) Ashish Rathore | |