

Final Year Project Topics [2068 Batch, Mechanical Engineering]

Project Group No. 1

Numerical Modelling and Experimental Verification of Enhancement of Heat transfer using Passive Technique

Ext. Supervisor : Mr. Prajwal Raj Shakya

Supervisor : Prof Dr. Triratna Bajracharya

S/N	Name	Roll No.
1	Bimal Bhattarai	068/BME/605
2	Midhan Siwakoti	068/BME/616
3	Suman Acharya	068/BME/641
4	Vijay Raj Giri	068/BME/648

Project Group No.2

Design , Fabrication and Scale Model Testing of an Archimedean Screw Turbine for a Low head Micro-Hydropower

Ext. Supervisor : Mr. Prajwal Raj Shakya

Supervisor: Dr. Shree Raj Shakya

S/N	Name	Roll No.
1	Shubhash Joshi	068/BME/637
2	Sujan Dulal	068/BME/639
3	Swaviman Acharya	068/BME/646

Project Group No.3

Effect of Dust Accumulation on Solar Panels and Mechanism for Alleviation : Study for Street Lighting Purpose

Ext. Supervisor : Er. Prajwal Raj Shakya

Supervisor: Dr. Shree Raj Shakya

S/N	Name	Roll No.
1	Aditya Neupane	068/BME/ 601
2	Sumit Yadav	068/BME/ 642
3	Tejan Adhikari	068/BME/ 647

Project Group No. 4

Design, Analysis and Model Fabrication of Ropeway Cycle

Ext. Supervisor: Er. Sandeep Joshi

Supervisor: Dr. Sanjeev Maharjan

S/N	Name	Roll No.
1	Milan Adhikari	068/BME/617
2	Nishedh KC	068/BME/620
3	Prabhab Bista	068/BME/621
4	Shishir Kumra Das	068/BME/636

Project Group No. 5

Design and Fabrication of Manual Rice Transplantation Machine

External : Er. Sandeep Joshi

Intranal: Dr. Sanjeev Maharjan

S/N	Name	Roll No.
1	Durga Bishwakarma	068/BME/609
2	Nipesh Regmi	068/BME/618
3	Rama Sapkota	068/BME/625
4	Saurabh Gupta	068/BME/634

Project Group No. 6

Tool/Die/ Design & Prototype Fabrication on Automobile Air Filter

Ext. Supervisor :Er. Sandeep Joshi

Supervisor: Dr. Sanjeev Maharjan

S/N	Name	Roll No.
1	Amit Sharma	068/BME/603
2	Dinesh Kafle	068/BME/608
3	Sunil Pathak	068/BME/643

Project Group No. 7**Numerical Modelling of Multirotor Hovercraft System**

Ext. Supervisor: Er. Ayush Bhattarai

Supervisor: Er. Sudip Bhattarai

S/N	Name	Roll No.
1	Kushal Raj Poudel	068/BME/613
2	Nishant Bhatta	068/BME/619
3	Saleen Bhattarai	068/BME/627
4	Sanjay Mahat	068/BME/628

Project Group No. 8**Waste to Energy Focusing on Optimization of Digester**

Ext. Supervisor: Er. Roshan Pandey

Supervisor: Dr. Ajay Kumar Jha

S/N	Name	Roll No.
1	Prativa Gautam	068/BME/622
2	Rahul Bam	068/BME/623
3	Sadeep Acharya	068/BME/626
4	Saugat Dhakal	068/BME/632

Project Group No. 9**Design, Fabrication and Testing of Radial Tipped Centrifugal Fan Used in Brick Kilns**

Ext. Supervisor: Er. Roshan Pandey

Supervisor: Dr. Laxman Paudel

S/N	Name	Roll No.
1	Rajkumar BK	068/BME/624
2	Santosh Gautam	068/BME/630
3	Santosh Ranabhat	068/BME/631
4	Sujit Kafle	068/BME/640

Project Group No.10**Design, Aeodynamic Analysis And Stability Investigation of Bleneded Wing Body Aircraft**

Ext. Supervisor: Er. Ashish Manadhar

Supervisor: Er. Sudip Bhattarai

S/N	Name	Roll No.
1	Kshitz Kumar Subedi	068/BME/612
2	Sanjev Paudel	068/BME/629
3	Saugat Ghimire	068/BME/633
4	Shailendra Rana	068/BME/635

Project Group No.11**Development of A Tool For Design of Francis Turbine**

Ext. Supervisor: Er. Roshan Pandey

Supervisor: Dr. Laxman Paudel

S/N	Name	Roll No.
1	Asbina Baral	068/BME/604
2	Sirapa Shrestha	068/BME/638
3	Suraj Subedi	068/BME/644

Project Group No.12**Design, Fabrication and Testing of Solar air Heater**

Ext. Supervisor: Mr. Niranjana Bastakoti

Supervisor: Prof. Rabindra Nath Bhattarai

S/N	Name	Roll No.
1	Hareram Shrestha	068/BME/610
2	Mahesh Chaudhary	068/BME/614
3	Mausam Limbu	068/BME/615
4	Surya Subba	068/BME/645

Project Group No.13**Design & Frabrication of Hybrid Bike**

Ext. Supervisor: Er. Bibek Dangol

Supervisor: Prof. Dr. Bhakta Bdr. Ale

S/N	Name	Roll No.
1	Ajay Karki	068/BME/602
2	Binit Koirala	068/BME/606
3	Bishwash Shrestha	068/BME/607
4	Harsimran Jeet Singh	068/BME/611

