

2001 से 2023 तक बाबा साहब डा० भीम राव अम्बेडकर कृषि अभियांत्रिकी एवं प्रौद्योगिकी महाविद्यालय, इटावा में बी०टेक० मैकेनिकल इंजी० के अन्तिम वर्ष के छात्रों द्वारा प्रस्तुत प्रोजेक्ट का विवरण

S.R.	Title of project	Under guidance	Submitted by student Name	Batch Year
1	Design of aircraft wing	Dr. J. P. Yadav	Satya kumarC+668/03, Ekta maurya 667/03	2003 -2007
2	Design of electric bicycle	Dr.J.P.Yadav	Anuj Arya c+641/ 03 Ashtosh kumar panday 648	2003-07
3	Design of water jet pump	ER.J.P.srivastava	Rakesh kumar singh 643/03,Rahul raman 660/03	2003-07
4	Intelligent ic engine with homog egeenous combustion in parous medium	Dr.J.P Yadav	Ajay kumar 657/03 Sumit tripathi 574/03	2003-07
5	Design of renewable energy (Biogs) system	Er.subhash chandhra yadav	Anurag shukla Jetendra panday saurab yadav	2003-07
6	Performance evaluation of domestic refrigeration using alternate refert grant (L.P.G)	ER.J.P.Yadav	Sachi garg 651/03 Mohit babu Gupta 647/03	2003-07
7	Design of bladeless turbine	Er. J.P. yadav	Ashutosh pratap singh 572/03 Akanksha srivastava 653/	2003-07
8	Design of piezoelectrec fuel level indecater	Er. Mukeen Akhtar	Amit singh ct.676/03 Dmesh kumar 672/03	2003-07
9	Regenerative braking system	Dr. J,P.Yadav	Ashish rai ct-792/04 Suraj singh Bajjnath.784, Sukhdeep	2003-07
10	Karanja ail an alternative fuel of diesel engine	Dr.J.P.Yadav	Ashish singhal ct 787/04 Dileep singh 780,Harish singh patel 778/04	2003-07
11	Design & fabrication of handy wind turbine	ER.Muqeem Akhtar	Sanjay ku. Prajapati ct 770/04 Vikram singh	2003-07
12	Aerodynamics in road vehicle	ER.Muqueem Akhtar	Akhlesh kumar ct760/04 Radha Krishna 773/03	2003-07
13	Inheritance of cryptography in steganography	Er.Raj kumar goswami	Richa singh ct733/04 swati shrama 737,	2003-07
14	Design & development of secure wireless communication system	Er.Raj kumar goswami	Pragya Dewiti ct729/04, Ankita verma 749	2003-07
15	Emissions from diesel engine & Reduction of nox	Dr. J,P.Yadav	Kuldeep kumar ct 764/04 jai prakash yadav776/04	2003-07
16	D.T.S.fi technology in bajaj pulsar	ER. Muqueem Akhtar	Ateendra tri pathi 793/04 Brijesh kumar gautam 763/04	2003-07
17	Use of geothermal energy in cooling /heating of building room	DR.J.P. Yadav (Asso.p.)	Kishor kumar manjuri (872/05)Rajendra panday	2004-08
18	Study of solar water heater distillation unit for domestic use	ER. SUBHASH CHANDRA (AWS) J.P. Yadav (Assoc .p.)	Abudul Q , rahul ,shiva 873/05	2004-08
19	Study and comparison of boiler efficiency using husk and cool as fuel in rice mill	DR.J.P. Yadav (Asso.p.)	Sanjay .suneel vipin suhaib 877/05	2004-08
20	To measure the over all performance of of horizontal axis wind turbine (hawt)	ER. Muqueem Akhtar	Aditya chaman faeooque jyoti	2004-08

21	The fabrication of experimental setup & measurement of perme	ER. Muqueem Akhtar	Manoj Mukesh Deepak	2004-08
22	Study and modelling of micro hydel power plant	DR.J.P. Yadav (Asso.p.)	Mahatom yadav Raj kumar	2004-08
23	Development and investigation on of properties of metallic	DR.J.P. Yadav	Umesh kumar neeraj SHUSHIL	2004-08
24	Solar tracking system	DR.J.P. Yadav (Asso.p.)	Anjali 1064/06 Renu 1063/06	2010
25	Study and performance Evaluation of a Radiator	DR.J.P. Yadav	Deepak 107 6/06,Anshul 1080 /06	2010
26	Generation of electricity from speed Breaker	DR.J.P. Yadav	Subhash 1058/06 vishal 1074/06 &others	2010
27	Fabrication of compressorless solar powered refrigerator	DR.J.P. Yadav	Aravind kr (1054/06) Abhay 1082	2010
28	Study of fabrication of a compressed Air engine	DR.J.P. Yadav	Manish (1051/06) suresh (1056/06)	2010
29	Generating electricity energy from the linear reciprocating motion of suspension system by employing rack and pinion gear assembly	DR.J.P. Yadav	Abhishek shivkant	2010
30	Continuously variable transmission	DR.J,P Yadav	Amit (1386/8),Rajiv (1228/07)7-	2011
31	Gas turbine power augmentation by fog cooling of inlet air”	DR.J.P.Yadav	Sharvan P-(1238/07), Ritesh (1241)	2011
32-33	Electricity generation by bagasse, msw& rice husk.	“DR.J.P.Yadav	SHALINEEYADAV, Neeraj .	2011
34	Lithium bromide based air conditioning system by using low grade energy from engi	DR,J.P.Yadav	Prashant (1226),Prachi (1235/07)&	2011
35	“Study of air conditioning in automobile based on ammonia water vapour absorption system using hot coolant as a energy source “”	DR.J.P.Yadav	Amit kumar,Neetesh kr.Vinod kr.	2011
36	Thermodynamics analysis of gas turbine based trigeneration system	DR.J.P.Yadav	Rajan p. Vipul. Kuldeep.etc	2008-12
37	Generation of electricity through helix win turbine	DR.J.P. Yadav	Mohit kr. Avinash .etc	2008-12
38	Design & fabrication of electricity operated lawn mower	DR.J.P. Yadav	Pratima. Ankita.Saroj,etc	2008-12
39	Improving the mileage of automobile by using propeller & solar panel	DR.J.P. Yadav	Abhijeet roy Rohit Niten Anil,etc	2008-12
40	Design performance analysis of shell &tube heat exchanger	DR.J.P. Yadav	Anurag,Apornna,Rahul.etc	2008-12
41	Performance analysis of design engine retrofitted with gasifier	DR.J.P. Yadav	Uday raj,Anamika, Harshita ,etc	2008-12

42	Performance evaluation of dame stick refrigerator using water condenser	DR.J.P. Yadav(Associate proff.&head)	Akshay singh kr.Sunil kr. Rahul. Etc	2009-13
43	Design and fabrication of air conditioning using exhaust energy.	DR.J.P. Yadav	Pradep,Deepanshee,.Ramjit167/09	2009-13
44	Nil			
45	Study fabrication OFOUTDOOR mist/ fog cooling system through high presser pump	DR.J.P. Yadav	Arpit,Kaushal Shailesh .etc	2009-13
46	Study and fabrication of the power take .off operat advanced shrab cutter.	DR.J.P. Yadav	Sheilendra. Lalit kr. Ajay	2009-13
47	“geothermal cooling system	DR.J.P. Yadav	Āshuto tiwari, pradeep, jayssingh	2009-13
48	Design and fabrication of a hydraulically operated ladder	DR.J.P. Yadav	Vikas kr Nitin kr.	2009-13
49	Gearless orthogonal transmission	DR.J.P. Yadav	Sarjeet s. Singh Rajev Anand singh .etc	2010-14
50	Fabrication of cooling tower	DR.J.P. Yadav	Safal dixit,Sonu kr. Sudhanshu .etc	2010-14
51	Experimental setup of flumidifirand dehumidifier.	DR.J.P. Yadav	Dheeraj mishra,Vijay kr.pandat,	2010-14
52	Anexperimental setup for analyzing the ther mady namics properties	DR.J.P. Yadav	Mohd.azahar, Talhajamal.km pratiksha,etc	2010-14
53	Air regreration system based on sellcaleman cycle	DR.J.P. Yadav	Atul kr. Avneesh kr. Sharma NITIN Rohit etc	2010-14
54	Thermodynamic analysis and fabrication of air conditioning system	DR.J.P. Yadav	Gopinath yadav Sirvastaava jayprakash etc	2010-14
55	Desing &Fabrication of Double pipe heat exchanger	DR.J.P.Yadav	Rahul Jain,Akshay yadav	2011-15
56	Design &performance Evaluation of ketro fitted Domestic Refrigerator	DR.J.P.Yadav	Raj Bahadur,Ravi Singh	2011-15
57	Designing of shell and Tube lteat Exchanger	DR.J.P.Yadav	Rohit Yadav,Anuj Kumar	2011-15
58	Performance Analysis of Diesel LPG Dual fuel engine	DR.J.P.Yadav	Anil Kumar,Prasant Sager	2011-15
59	Fabrication of thermal Conductivity and measure the thermal cond. Metal Rod	DR.J.P.Yadav	Ashok Yadav,Tarun Singh	2012-16
60	Analysis of Psychrometric Properties with the design and Fabricatioon of Desert Cooler	DR.J.P.Yadav	Rajmani Singh,Ajay Kumar	2012-16
61	Designing and Fabrication of multipass Shell and tube heat Exchanger	DR.J.P.Yadav	Ankit Dubey,Saurabh Kumar	2012-16
62	Waste to Energy	DR.J.P.Yadav	Pankaj Yadav,RajBahadur	2012-16
63	Modelling and Optimization of	DR.J.P.Yadav	Amit Kumar,Ravikant	2012-16

	Diesel LPG Dual Fuel Eng.			
64	Analysis and fabrication of Pelton wheel with laminar and turbulent Flow	DR.J.P.Yadav	Alok Yadav,Vijay Kumar	2012-16
65	Comparative study of properties of mild	DR.Pankaj sharam	Meeraj kamal,Rahul Dev	2013-17
66	Study and Modification of ice plant model	DR.J.P.Yadav	Ankur Soni,Apoorva Sachan	2013-17
67	Study and Analysis of performance of Hydroponic engine	DR.J.P.Yadav	Sonam Jain,Vinendra singh	2013-17
68	Design and fabrication of desiccated wheel Dehumidifier	DR.J.P.Yadav	Ayush patel,ankit singh	2013-17
69	Design and fabrication of power operated groundnut Decorticator	DR.J.P.Yadav	Shiv Mohan singh yadav,Udybhan patel	2013-17
70	Design and fabrication of Manually operated garlic planter	DR.J.P.Yadav	Ankit Saini,Mukul Saxena	2013-17
71	Mechanisation of hydroponic cultivation	DR.J.P.Yadav	Damini Singh,Shivam	2014-18
72	Fabrication of four leg hydraulic Jack system remote control	DR.J.P.Yadav	Arijit kumar,2350/14	2014-18
74	Design and Development of power operator Groundnut thresher	DR.J.P.Yadav	Ayush Shuka,Anil kumar	2014-18
73	Design and fabrication of four way hack Saw machine	DR.J.P.Yadav	Ajay yadav,Anjali	2014-18
75	Design and Development of power operator ground decortar	DR.J.P.Yadav	Nishol Shove,Ankit Dixit	2014-18
76	Development of metal bending Machine	DR.J.P.Yadav	Susheel Maurya,Manshi yadav	2015-19
77	Modification and fabrication of a power operated corn mech.	DR.J.P.Yadav	Akash singh,Ajay kumar	2015-19
78	Design and fabrication of Advanced poddy thresher	DR.J.P.Yadav	Atul singh,Jishan siddqi	2015-19
79	Fabrication a parametric Analysis of compressed air solar	DR.J.P.Yadav	Ashish kumar,Ankit singh	2015-19
80	Fabrication and analysis of LPG posed refrigerator	DR.J.P.Yadav	Jyoti Maurya,RituRaj singh	2015-19
81	Utilization of plastic waste by manufacturing plastic Brick	DR.J.P.Yadav	Rabindra chaudary ,Rahul shakya	2016-20
82	Electric bike	DR.J.P.Yadav	Sanjay kumar,Amitesh kumar	2016-20
83	Power Generation using speed breaker	DR.J.P.Yadav	Nitin Debey, Anurag Shakla	2016-20
84	Design and fabrication of solar Powered seed sowing machine	DR.J.P.Yadav	Anurag Pandey,Rahul yadav	2017-21

85	Utilization of plastic waste by manufacturing Eco –friendly brick	DR.J.P.Yadav	Bhani pratap yadav,Aman verma	2017-21
86	Analysis and comparison of hardness of milk steel after performing	DR.J.P.Yadav	Umang tiwari,Nishant singh	2017-21
87	Air refrigeration based on bell coleman cycle	DR.J.P.Yadav	Harsh Panday,Pawanesh	2018-22
88	Design and fabrication of desiccant dehumidifier cooling system	DR.J.P.Yadav	Vinay pandey,Ram shiramani	2018-22
89	E-SMART BIKE	DR.J.P.Yadav	Prabhat singh,Ram ji verma	2018-22
90	Waste Plastic Utilization as brick	DR.J.P.Yadav	Shubham Maddheshiya,Mahesh chand	2018-22
91	Testing and evaluation of power sperate carn shelling machine	DR.J.P.Yadav	Shivansh Trivedi,Shashank singh yadav	2018-22
92	Testing and Developing A Design of Modified power operated Groundnut Decortication	DR.J.P.Yadav	Ankit kaushal,Saurabh singh	2018-22
93	IOT GRASS CUTTER	DR.J.P.Yadav	Dushyant kumar, Ashwani yadav	2018-22
94	Design and Modification of metering system of manually	DR.J.P.Yadav	Deepak Gupta, Govind Yadav & etc.	2019-23
95	Development of experiential setup for 4 stroke Yamaha Crux Engine for comparative Analysis of Value Testing Diagram	DR. J.P.Yadav	Alok Kushwaha, Arvind Kumar & etc,	2019-23