

Details of 8th Semester Project for CAYm1, CAY m2 and CAY m3

2022 Passed Out Batch

Gr. No.	ASTU Roll No	Name	Name of Supervisor	Project Title
1	180610302032	Diksha Agarwal	Dr. Anil Borah	Sintering Characteristics of Ball Milled WC and Co Powder Mixture
	180610302069	Ria Das		
	180611002032	Lokesh Jain		
	180611002033	Manan Sarma		
2	180610028002	Asha Boro	Mr Manash Bhuyan	Computer Aided Analysis to Find the Best Two Wheeler in Guwahati City, Assam, Using Multicriteria Decision Making and Analytical Hierarchy Process
	180610028016	Yukta Rangshalpi		
	190650028001	Apurba Barman		
	190650028002	Sopunjoyoti Porasor		
3	180610002007	Ashish Jain	Dr. Pradip Baishya	Recycling of Non-recycled Materials for Substituting Plastic Bags
	180610002020	Milan Priya Bora		
	180610002013	Kapisha Goswami		
4	180610702001	Abhinibesh Gautam	Mr. S.S. Mallick	Design and Fabrication of Self Flushing Toilet Mechanism
	180610702002	Abhiranjan Deori		
	190650002004	Chayan Paul		
5	180610002006	Arnab Das	Dr.Kalyan Kalita	Fabrication of a Container to Cool Fluid Using Peltier Effect
	180610002023	Nilanjan Banerjee		
	180610302084	Tathagata Das		
6	180610002012	Debabrat Gogoi	Dr. S.K. Deb	Ranking of Safe SUV Cars by Applying Multi Criteria Decision Making
	180610002022	Naveen Kr. Pandey		
	180610002026	Pradyunma Buragohain		
7	180610002039	Snigdha Bora	Md. Rafi A.	Design and Fabrication of Sanitary Napkin Incinerator
	180610302015	Ananya Sinha		
	190650002005	Mituraj Hazarika		
8	180610002008	Ashish Kr. Deka	Mr. Jyotish A.	Fabrication of a Low Cost Portable Refrigerator
	180610002027	Prasenjit Kalita		
	180610002038	Shibom Rishi		
9	180610002017	Manashjyoti Sarmah	Dr.Manjuri Hazarika	A Multi Criteria Decision Making Framework For Selecting Suitable Wind Turbine Blade Material and its force analysis
	180610002035	Saikat Choudhury		
	180610002036	Satyam Parashar		
10	180610002001	Abhinash Baishya	Mr. Jitul Baruah	

	180610002024	Niraj Sapkota		Underground Car Park and Comparing the Results with an Existing Experimental Results
	180610302002	Abhilash Baruah		
11	180610002003	Anshuman Talukdar	Dr. B.J. Phukan	Computational Analysis of Fire Fighting System of a Commercial Building Using ANSYS Software
	180610002014	Kaustubh Kalita		
	180610002025	Partha P. Changmai		
12	180650002011	Tinku Kr. Singh	Dr. P.K. Mahanta	Design, Fabrication and Testing of an Eco-friendly Portable Incinerator
	190650002001	Aamir Hafeez Parray		
	190650002007	Deep Majhi		
13	180610002002	Alakesh Changmai	Mr.P.K. Choudhury	Study of C.I. Engine Behaviour With Blended Corn Coil Biodiesel
	180610002009	Chanakya Medhi		
	180610102078	Sourab Jyoti Borah		
14	180610002043	Tohidur Mondal	Mr.Piyush Singh	Design and Fabrication of Electric Ploughing Machine for Hobby Farming
	180610102027	Iftikar Ahmed		
	180610102039	Manabendra Mali		
15	190650002002	Akib Ali	Dr.Manash Hazarika	Application of Heuristic Method in Cellular Manufacturing System
	190650002003	Bhri guraj Kalita		
	190650002006	Subhadeep Dey		
16	180610002045	Vivian Das Barman	Dr.Devarshi Kashyap	Design and Development of a Low Cost Thermal Cycling Chamber to Replicate Sub-Tropical Climatic Conditions of India
	180610302016	Angaraag Das		
	180611002001	Aatish Nath		
17	180610002010	Chandan Borthakur	Dr. R.K. Dutta	Computer Aided Analysis to Find the Best Economic Family Four Wheeler in Guwahati City, Assam Using Multi Criteria Decision Making and Analytical Hierarchy Process
	180610002018	Manash Pratim Das		
	180610002041	Subhraneil Sarmah		
18	180610002021	Monoranjan Rabha	Dr.Plabon Kakoti	Design and Fabrication of Gear Mechanism for Power Generation Upon Addition and Removal of Force
	180610002031	Ringshring Rajiung		
	180610002032	Roni Hazarika		
19	180610002005	Aritra Dutta	Dr.Niharendu Saha	Study of Tribological Characteristics of Some Biofuels
	180610002040	Soumya Sarkar		
	180610002044	Uddipta K. Baruah		
20	180610002004	Anirban Lahon	Mr.Anirban Saha	Fabrication and Study of Jute Fibre- Reinforced Polymer Composites
	180610002028	Prerona Dey		
	180610102076	Shraddha Das		
21	180610002016	Luit Baglari	Dr.Monoj Baruah	HVAC Analysis of an Auditorium using ANSYS
	180610302031	Devapratim Mili		
	180610302076	Sahdat Ahmed		
22	180610102071	Shahid Hussain	Mr.Madhurjya Baruah	Design and Fabrication of Sand Purifier
	180610002029	Rahul Borah		
	180610002033	Sachin Doley		
23	170610702007	Hiranmoy P. Nath	Dr.Kalyan Kr. Das	
	180610002015	Khushboo Chowlik		

180610002037	Saurabh J. Chamuah	Design and Analysis of Receiver Pipe of Solar Thermal Power Plant
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2023 Passed Out Batch

Gr. No.	ASTU Roll No	Name	Name of Supervisor	Project Titles
1	180610028017	Bikram Kalita	Mr. Manash Bhuyan	Computer Aided Analysis for Suitable Selection of Five Star Rating Air Conditioning System for Optimum Consumption of Energy
	200650028001	Amrit Dutta		
2	190610002016	Bhavishya J. Saikia	Dr. K.K. Das	Manufacturing of Intricate Shapes Using 3D printing
	190610002033	Kuldip Nag		
	190610002037	Manav Shivam		
3	190610002007	Alauddin Ahmed	Mr. P.K Choudhury	Quality Study of Soil and water at the Municipal Waste Dumping Site of Boragaon, Assam
	190810002018	Devraj Goswami		
	190610002053	Sonu Rabha		
4	190610002032	Kritartha Sarma	Dr. Manjuri Hazarika	HVAC Analysis of New AEC Auditorium
	190610102063	Ritu Parna Das		
	190610302033	Dixeeta Mudiar		
5	190610002009	Ananya Paul	Dr. Pradip Baishya	Design of Mechanised System for Loading of Municipal Waste from Ground Level to the Waste Carrying Vehicle
	190610002039	Navadeep Khaund		
	190610002046	Rahul Shivam		
6	190610002034	Lairejam Napoleon	Mr. Madhurja Baruah	Study of the Performance Evaluation of Solar Dryer Integrated with a Low-Cost Plastic Solar Air Heater
	190610002036	Md. Iqbal Hussain		
	190610002028	Jintu Barman		
7	190610002013	Arunabh Borah	Ms. Mousumi Gogoi	Finite Element Analysis of Cam Shaft using ANSYS Software
	190610002025	Hrishikesh Joshi		
	190610002030	Kaushik Kalita		
8	190610302004	Acharjya Handique	Dr. Kalyan Kalita	Design and Fabrication of Garden Tiller Machine
	200650002004	Phanibhusan Gogoi		
	200650002005	Prasanta Rai		
9	190610002055	Swarnav Saikia	Dr. Niharendu Saha	Design of Solar Dryer for Preservation of Food items
	190610002015	Bandeep Saikia		
	190610002056	Tridip Chetri		
10	190610002003	Abhinab Nath	Dr. S.K. Deb	Comparative Study on Effect of Cutting Fluids on HSS and Carbide Cutting Tools by Transient Thermal Analysis
	190610002024	Hrishikesh Bharadwaj		
	190610002052	Siddhartha Das		
11	190610002011	Arindam Kashyap Roy	Dr. Devarshi Kashyap	A study on the Feasibility of macro-encapsulated PCM in Houses for Thermal Comfort
	190610002017	Bikiran Saikia		
	190610002050	Sahil Ahmed		
12	190610002031	Koushik Kalita	Dr. Plabon Kakoti	Ergonomically Designed Hand Press Dough Flattenner
	190610302077	Saragiyoti Das		
	190610302008	Anghu Brata Lahkar		
13	180810002013	Bedanga Chutia	Dr. P.K. Mahanta	
	190610002002	Abhigyan Sonowal		

	190610002020	Garish Terang		Design, Fabrication and Analysis of an Atmospheric Water Generator for a Household
	190610002026	Jaydeep Bey		
14	190610002008	Aman Kr. Roy	Dr. Manash Hazarika	Comparison of Spherical Pressure Vessel Over Thin Cylinder Pressure Vessel with Reference Design and Safety
	190610002038	Nasimul Islam Mondal		
	190610002045	Punit Chodhury		
15	190610002004	Abinash Dutta	Dr. Anil Borah	Ball Milling and Sintering Characteristics of WC+Co Powder Mixture with 5 wt.% CaF ₂
	190610002023	Hemanta Kr. Dohutia		
	190610002049	Riyadh Choudhury		
16	190610002014	Ashish Kr. Ladha	Mr. Anirban Saha	Design and Fabrication of Robotic Arm used by a Disabled Person
	190610302013	Anurag Barman		
	190611002042	Nilim Shekhar Bordoloi		
17	190611002024	Drishti Singhal	Mr. S.S. Mallick	Design and Fabrication of Pesticide Spraying Machine
	190611002029	Imran Nazir Ullah		
	190610002001	Aakrit Gogoi		
18	190610002010	Arabinda Sikder	Mr. Manash Bhuyan	Automated Coconut Scraping Machine
	190610002035	Mandip Saikia		
	190610002043	Pinku Das		
19	190610002018	Chandrima Chakraborty	Mr. Piyush Singh	A Multi-criteria Decision Making Framework for Selection of Most Suitable Electric Two-wheeler in Guwahati City
	190610002041	Nisanta Goswami		
	190610302016	Argha Borthakur		
	190610302081	Shubham B. Goswami		
20	190610002027	Jimlee Patowary	Mr. B.I. Barbhuyan	Study on Performance Analysis of Pin Fin with Different Geometry
	190610002044	Puja Nirmalia		
	190610002055	Vanshika Todi		
21	200650002001	Abhijit Dey	Dr. Monoj Baruah	Efficiency Improvement of Solar Flat Plate Heater Using Reflectors
	200650002003	Debraj Das		
	200650002006	Souvik Dutta		
22	190610002005	Adrita Bailung	Mr. Jitul Baruah	Heat Load Capacity of Seminar Hall and Optimal Positioning of Air Conditioner Using ANSYS Fluent
	190610002021	Gayatri Sharma		
	190611002018	Chayanka Kaushik		
23	190610002040	Nayanjyoti Barman	Dr. B.J. Phukan	Design and fabrication of Air Purifier and Humidifier Using Water as Filter
	190610002047	Rajdeep Sen		
	190610002051	Shushil Raut		

2024 Passed Out Batch

GR. NO.	ASTU Roll NO.		Supervisor Name	TITLE OF PROJECT
1	200610028015	Rekibuddin Ahmed	Dr. Anil Borah	Study of Al-4.28 Cu-1.6 Mg alloy micro alloyed with Zirconium
	200610028003	Ashik Akhtar Hossen		
	203410728009	Bidyut Mali		
	200610028012	Palash Pratim Saikia		

2	200610102040	Kaustav Deka	Dr. Manash Hazarika	Designing an effective HVAC system for the newly renovated college auditorium
	200610002057	Rupjyoti Sarmah		
	200610002013	Ayan Thakuria		
3	200610002046	Pragyan Jyoti Saikia	Mr. Jitul Baruah	A comprehensive study between different proximity sensors for implementation of automatic braking system
	200610302007	Amrit Jyoti Saikia		
	200610302041	Parijat Chetia Phukan		
	200610002065	Upamanyu Barkataki		
4	200610002009	Anurag Konwar	Dr. Pradip Baishya	Design and development of a smart dust bin using IoT integration.
	200610002022	Dipjyoti Chakravarty		
	200610002048	Prantik Dam		
	200610002052	Rajarshi Kashyap Sarmah		
5	200610002006	Angshuman Gogoi	Mr. Baharul Islam Barbhuyan	Design of fabrication of plastic bottle recycler
	200610002001	Abdul Hasim		
	200610002063	Somaditya Das		
6	200812928035	Mahabir Prosad Sahu	Mr. P.K.Choudhury and Dr. S.K. Deb	Design and development of a smart helmet for special application in mining
	200812928026	Nishat Tasnim Ahmed		
	200610028001	Abhilekh Sarmah Surya		
	203410228007	Basundhara Das		
7	200610002038	Nasim Ahmed	Dr. N Saha	Design and fabrication of an electric braking system
	200610002021	Dhritishmita Baruah		
	200612702001	Akshata Das		
	200610002034	Kuvenolu Dzudo		
8	200610002015	Bijoy Barman	Mr. Piyush Singh	Improvement of multipurpose agriculture machine: Advancement for efficient tilling and enhanced safety
	200610002017	Birendra Panging		
	200610002024	Jianphun Ramei		
	200610002043	Plawan Mili		
9	200610002067	Sudarsan P.M. Barman	Dr. Manjuri Hazarika	Design and development of an automatic height adjustable table.
	200610002023	Gauranga Gogoi		
	200610002013	Biswadeep Saikia		
	200610002020	Dhiraj Nath		
10	210650002002	Junaid Ahmed Barbhuyan	Dr. Bashab Jyoti Phukan	Design and Fabrication of aquatic muffler.
	210650002004	Sanam Ahmed		
	200610002045	Produit Kumar Nath		
11	200610002003	Akash Choudhury	Dr. Monoj Baruah	Design and fabrication of gearless transmission system using elbow mechanism.
	200610002025	Jonak Pritam Kalita		
	200610002050	Promud Sahu		
	200610002055	Rohan Jidung		

12	200610002066	Zinku Rajbangshi	Mr. Anirban Saha	Design and fabrication of motorized gated valve for fuel tap of two-wheeler vehicle .
	200610002060	Saurabh Saha		
	200610002029	Kaushik Doley		
13	200610002036	Md Najib Ahmed	Dr. P.K.Mahanta	Design and fabrication of dualaxis solar tracking system
	200610002053	Reetu Polo Phukan		
	200610002005	Alfred Hmar		
14	200610028008	Deiji Das	Dr. Manash Bhuyan	Design and fabrication of a prototype of an autonomous vehicle
	200610028010	Jishnu Sarma		
	200610028018	Tonmoy Saikia		
	200610028004	Bhagyashree Singha		
15	200610002059	Samridwhi Saikia	Mr. S S Mallick	Development of a small-scale smart irrigation system using Arduino and soil moisture sensor
	200610002040	Nirban Saha		
	200610002058	Samiran Das		
16	200610002007	Aniket Das	Dr. D Kashyap	Design of an overload protection system for a bridge
	200610002010	Anurag Samaddar		
	200612802011	Muhammad Ahmad		
17	200610002019	Chandan Dhungel	Dr. S K Deb	Design and fabrication of Bevel motorized bench vice
	200650002006	Terrain Deka Moran		
	200610002039	Nayan Jyoti Bordoloi		
	200610002018	Bishal Deka		
18	200610002033	Kunal Jyoti Sharma	Mr. Madhurjya Baruah	Design and fabrication of a automatic white board cleaner
	200610002047	Pranab Nath		
	200612802014	Rajdeep Goswami		
19	200610002049	Priyanshu Permey	Mousumi Gogoi	Design and fabrication of an electricity generating device using in speed breakers
	200610002062	Shruti Taye		
	210650002003	Manoj Das		
20	200611002014	Devraj Debnath	Dr. Plabon Kakoti	Designing low-cost cargo tricycle for all-traditional weavers and traders of Assam
	200612702008	Habibur Rahman Khan		
21	200610028002	Iftikar Hussain	Dr Kalyan Das	Experimental investigation of the side effect of material removal rate on surface roughness
	200610028009	Alomgir Hussain		
	200650028001	Amarjyoti Doley		