

Annexure 19:
Details of Academic Internship for CAYm1 and CAYm2

For 2022-23

Sl No	College Roll Number	ASTU Roll Number	Name of the student	Place	Supervisor	Topic
1	20/433	200610002020	Dhiraj Man Nath	NPTEL	Prof. Satyaki Roy	Analysis and control of vibration in tall buildings during Earthquake
2	20/102	200610002023	Gouranga Gogoi	NPTEL	Prof. S Roy	Analysis and control of vibration in a bridge subjected to moving loads
3	20/095	200610002007	Aniket Das	IIT Guwahati	Dr. Swarup Bag	An investigation on the hardness of 1xxx and 5xxx Aluminium joined by Friction Stir Welding
	20/333	200610002010	Anurag Samaddar			
4	20/137	200610002040	Nirban Saha	NPTEL		NPTEL course on power plant engineering
5	20/129	200612802011	Muhammad Ahmad	IIT Guwahati	Dr. Pankaj Kalita	Thermal performance investigation of PCM incorporated low cost walls for thermal comfort in rural houses
6	20/244	200610002019	Chandan Dhungel	NPTEL	Prof. Debjani Chakraborty	Laws of Thermodynamics and its application
	20/134	200610002018	Bishal Deka			
	20/149	200610002039	Nayanjyoti Bordoloi			
	21/513	210650002006	Terrain Deka Moran			
7	20/120	200610002009	Anurag Konwar	NPTEL	Prof. Priti Maheshwari	The study of different methodologies to improve the performance and safety of various power plants following NPTEL course on Power plant engineering
	20/111	200610002022	Dipjyoti Chakravarty			
	20/119	200610002048	Prantik Dam			
	20/108	200610002052	Rajarshi Kashyap Sarmah			
	20/468	200610002067	Sudarshan Pratim Mukul Barman			
8	20/450	200610002013	Ayan Thakuria	NPTEL	Prof. Debjani Chakraborty	A semi automated method to install wiring in houses following the NPTEL course 'Robotics'
9	20/150	200610002060	Saurav Saha	NPTEL	Prof. Debjani Chakraborty	The robotic approach to fit an object at different positions in an area following NPTEL course on Robotics
10	20/189	200611002013	Bishwadeep Saikia	NPTEL	Prof. Satyaki Roy	Control of vibration in spacecraft using satellite ultra quiet isolation technology experiment(SUITE)
11	20/015	200610002046	Pragyan Jyoti Saikia	IIT Guwahati	Dr. Anoop K. Dass	Numerical investigation of steady state temperature

	20/232	200610302007	Amrit Jyoti Dipanka Shaikeea			distribution on a 2D rectangular plate using a C++ program
	20/106	200610002065	Upamanyu Barkataki			
12	20/147	200610002057	Rupjyoti Sarmah	NPTEL	Prof. Satyaki Roy	Study on method of vibration control in power transmission lines
13	20/098	200610002055	Rohan Jidung	TRTC	Piyush Baishya	Design of various parts of Boiler using SolidWorks
	20/135	200610002050	Promud Sahu			
14	20/278	200610002053	Reetu P Phukan	TRTC	Piyush Baishya	Design and Simulation of 4 stroke petrol engine using SolidWorks
	20/091	200610002036	Md Najib Ahmed			
	20/144	200610002005	Alfred Hmar			
	20/305	200610002049	Priyanshu Permey			
15	20/479	200610028015	Rekibuddin Ahmed	IIT Guwahati	Dr. Karuna Kalita	A study on the amount of Electrical energy produced by different power stations and state wise demand in India
	20/389	200612802014	Rajdeep Goswami			
	20/319	200610002047	Pranab Nath			
16	20/435	200610002043	Plawan Mili	NPTEL	Prof. Satyaki Roy	Applying methods to control vibrations in household appliances
17	20/086	200610002066	Zinku Rajbongshi	NPTEL	Prof. D Chakraborty	A systematic approach to a floor cleaner robot following the NPTEL course on Robotics
18	20/277	200610002003	Akash Choudhary	IIT Guwahati	Dr. Pankaj Kalita	Thermal performance investigation of PCM incorporated low cost walls for thermal comfort in rural houses
19	20/096	200610002006	Angshuman Gogoi	IIT Guwahati	Dr. Pankaj Biswas	Review on the Microstructure and Mechanical properties of Nickel and steel-based alloys subjected to Underwater Wet welding
20	20/291	200610002021	Dhritishmita Baruah	IIT Guwahati	Dr. Poonam Kumari	Study of piezoelectric materials with analysis of piezo plate on Ansys APDL software
	20/239	200610002041	Parijat C Phukan			
	20/130	200610002059	Samridwhi Saikia			
	20/434	200610002062	Shruti Taye			
21	21/510	210650002001	Bikash Gogoi	TRTC		Design of radiator, catalytic converter, Muffler and suggesting various measures to control emission
	21/512	210650002002	Junaid Ahmed Barbhuiya			
	21/514	210650002004	Sanam Ahmed			
	21/515	210650002003	Manoj Das			
22	20/036	200610102040	Kaustav Deka	TRTC		Design of Different types of gears using Solidworks software
	20/246	200610002038	Nasim Ahmed			
	20/099	200610002001	Abdul Hasim			
	20/136	200610002063	Somaditya Das			
	20/312	200610002058	Samiran Das			
23	20/366	200612702001	Akshata Das	IIT Guwahati	Dr. Manas Das	Design of a product in Solidworks and its
	20/454	200610002034	Kuvenolu Dzudo			

						fabrication in CNC Milling machine
24	20/148	200610002031	Koushik Mohan	IIT Guwahati	Dr. Manas Das	Machining processes using advanced methods
	20/126	200610002045	Praduit K Nath			
	20/092	200610002011	A Chakraborty			
	20/128	200610002035	Mahabir P Sahu			
25	20/127	200610002015	Bijoy Barman	TRTC		To design slip casting mold of some household utensils using Solidworks
	20/307	200610002017	Birendra Panging			
	20/143	200610002024	Jianphun Ramei			
	20/308	200610002029	Kaushik Doley			
	20/012	200610002033	Kunal Jyoti Sarma			
26	20/367	200612702008	Habibur R Khan	NPTEL	Prof. D Chakraborty	An investigation of the basics of Aircraft structures
	20/167	200611002014	Devraj Debnath			
27	20/132	200610002025	Jonak P Kalita	Internshala	Sarvesh Agarwal	Design of an air piston-cylinder assembly using Solidworks
	21/511	210650002005	Syed Abdul Aziz			

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	College Roll Number	ASTU Roll Number	Name of the student	Place	Supervisor	Topic
1	21/495	210610016002	Debarshi Bayan	IIT Guwahati	Dr. Pankaj Biswas	Design and fabrication of Hydroponics system for plantation of Amaranthus and Spinach
2	21/144	210610002036	Saptorshi Gupta			
3	21/303	210610002030	Rishav Ranjan Borah			
4	21/464	210610002003	Alisha Phonglo	IIT Guwahati	Dr. Pankaj Biswas	A brief study on solar cooking system and generation of flame using rechargeable batteries for use in solar assisted cooking system
5	21/211	210610302054	Chinmoy Das	IIT Guwahati	Dr. Pankaj Biswas	A study on Solar power and electric flame generation to develop a Solar-assisted Cooking system
6	21/117	210610002031	Ritisha Baruah			
7	21/452	210610010022	Nafis Raihan Barbhuyan			
8	21/217	210610002038	Shubhadeep Mukherjee	IIT Guwahati	Dr. Pankaj Biswas	Design and fabrication of a low cost solar lamp for rural areas
9	21/120	210610002041	Sunirmal Chattopadhyay			
10	21/315	210610002027	Prince Kakati	Guwahati Cadd Centre	Rejaur Rahman	Design of Theo Jansen mechanism using SolidWorks software
11	22/522	220650002004	Chinmoy Das	Guwahati Cadd Centre	Rejaur Rahman	Analysis of the Working of a Vehicle Differential System Using SolidWorks.
12	21/149	210610002047	Ujjal Gohain	Guwahati Cadd Centre	Rejaur Rahman	A hands on training in SolidWorks and its application in creating 3D modeling of Stop Valve.
13	21/104	210610002048	Vishal Sarma	Guwahati Cadd Centre	Rejaur Rahman	A hands on training in SolidWorks and its application in creating 3D

						modeling of Feed check valve.
14	21/486	210610002001	Abhilash Saikia	IIT Roorkee	Dr B R Bhattacharjya	Designing of a flattening machine for dried roots of water hyacinth for NEDFi
15	21/112	210610002012	Hriday Ranjan Deka	GUWAHAT I CADD CENTRE	Rejaur Rahman	Analyzing the Working Principle of a Crankshaft drive Through SolidWorks Modeling.
16	21/428	210610002040	Sometnaro Chang			
17	21/165	210610002029	Rajneel Bharali			
18	22/520	220650002002	Afridi Ansari	IIT Guwahati	Dr. Pankaj Biswas	Experimental investigation of wet and dry milling of aluminium on a 3 axis CNC machine
19	21/332	210610002039	Shubhrajyoti Bhuyan			
20	21/146	210610002035	Sanjib Barman			
21	21/022	210610015007	Debanga Patowary			
22	21/134	210610002045	Udipta Saikia	IIT Guwahati	Dr. Karuna Kalita	Design and Implementation of Arduino-Based Energy Meter
23	21/480	210610010013	Ishanee Nandi	IIT Guwahati	Dr Tanmoy Medhi	Fabrication and study of Hydroponics system
24	21/145	210610002017	Krishanu Baruah	IIT Guwahati	Dr T Medhi, Dr. Pj Biswas	Design and Fabrication of Hydroponics system
25	21/340	210610003023	Deepjyoti Deka	GUWAHAT I CADD CENTRE	Rejaur Rahman	A hands on training in SolidWorks and its application in creating 3D modeling of Cross head.
26	21/463	210610002008	Debashish Das	GUWAHAT I CADD CENTRE	Rejaur Rahman	A hands-on training in SolidWorks and its application in creating 3D models of different types of Couplings.
27	21/124	210610002014	Jigyash Baruah			
28	21/222	210610010025	Nihar Ranjan Patra			
29	21/234	210610015005	Ayanabh Hazarika	IIT Guwahati	Prof. Sashindra K. Kakoty	Comparative analysis and evaluation of various factors and selecting a suitable seed metering mechanism to enhance Ginger cultivation in Assam
	21/137	210610002026	Pranjal Das	GUWAHAT I CADD CENTRE	Rejaur Rahman	3D Modelling of a Differential gear system using SOLIDWORKS
29	21/263	210610302053	Abhijit Dey	NPTEL	IIT Madras	Computer numerical control (CNC) machining on Milling
30	21/151	210610002028	Priyomjeet Saikia	IIT Guwahati	Prof. Sashindra K. Kakoty	Idea Generation of a Mechanised and Cost Effective Seed Sowing Machine for commercial Cultivation of Ginger in Assam
31	21/115	210610002032	Roktim Gogoi	IIT Guwahati	Prof. Sashindra K. Kakoty	Evaluating Furrow opener factors and selecting a suitable Furrow opener for

						enhancing Ginger Cultivation in Assam
32	21/140	210610002061	Udeeptha Pathak	IIT, Roorkee	Bibhuti R Bhattacharya	Designing a flattening machine for dried roots of water hyacinth
33	21/280	210610002004	Anish Nirola	IIT Guwahati	Prof. Satyajit Panda	Design of a rubber-based softening structure for low-frequency vibration isolation .
34	21/167	210610002002	Agnibh Dutta	GUWAHAT I CADD CENTRE	Rejaur Rahman	3D Modelling of cultivator with Shovel-type Furrow opener and Show-type Furrow opener using Solidworks
35	21/429	210610002043	T. Nipuka Swu			
36	21/109	210610002011	Himangshu Rajbongshi	GUWAHAT I CADD CENTRE	Rejaur Rahman	Design of 4-cylinder engine using solidwork software
37	21/376	210610002049	Vivek Das			
38	21/153	210610002022	Nehal Baishya			
39	22/523	220650002005	Jyotirmoy Saloi			
40	21/116	210610002006	Anupam Mahanta	GUWAHAT I CADD CENTRE	Rejaur Rahman	Designing and Motion study of different types of gears using Solidworks
41	21/447	210610002016	Kaushik Kumar Goyari			
42	21/202	210610002024	Parthiv Deb			
43	21/111	210610002042	Suryangshu Pratim Dutta	GUWAHAT I CADD CENTRE	Rejaur Rahman	3D Modelling of Robotic Arm with Different Gripper using Solidworks
44	22/524	220650002006	Swarup Jyoti Das			
45	21/404	210610002044	Tonmoy Hazarika			
46	21/155	210610002009	Hemanta Rahang			
47	21/372	210610002005	Ankita Dutta	GUWAHAT I CADD CENTRE	Rejaur Rahman	Analysis of the Withworth Quick Return Mechanism Using SolidWorks
48	21/106	210610002007	Ashutosh Barkataky	NPTEL	Prof. A Kr Banerjee, Prof. A Nandy	Steady state temperature distribution analysis of a 2D rectangular Mild Steel plate using Finite Elemnet method
49	21/241	210610016011	Rekib Ahmed	IIT Guwahati	Dr. Karuna Kalita	Design and implementation of a Arduino based energy meter
50	21/279	210610002037	Shreya Lopamudra	NPTEL		Simulation and analysis of flow of fluids in a 2D lid driven cavity using Finite volume method
51	21/141	210610002046	Ujjal Gogoi	NPTEL		Analysis of Laminar air flow past a flat plate using Finite difference method
52	21/487	210610002023	Paran Sonowal	TRTC, Guwahati		Design of an Inline four cylindr engine usign Solidworks
53	21/273	210610002021	Manish Sharma	NPTEL	Prof. Haimanti Banerji	A methodical approach to building and automated house cleaning robot following the NPTEL course on Robotics