



B.Tech Aerospace Engineering

List of Best Projects

Academic Year 2020-2021

Sl. No	Reg. No	Name of the Students	Title of the Project	Project Supervisor	Year
1	U17AS006	Batchu Neerajakshi	Analysis of effect of shock wave patterns for various cross-sectional nozzles with same exit area and mach	Mr. E. Mahavishnu	2021
	U17AS016	Gunja Lalitha Maheswari			
	U17AS020	Suram Rohith			
	U17AS031	Swetha T			
2	U17AS004	S Ajith Virat	Design and fabrication of Newtonian reflector telescope and observation of celestial objects	Mr. G. Abinicks Raja	2021
	U17AS011	Sree Varshini K			
	U17AS012	Shakthi J			
	U17AS028	Gowri A			
3	U17AS015	Bansod Damini Sahasram	Design and fabrication of 1U cubesat	Mr. D. Hasen	2021
	U17AS018	Kadiyam Manikanta Raghu			
4	U17AS001	Tarwin Prince U	Design and analysis of a miniature blow down supersonic wind tunnel	Mr. P. S. Mohanasaravanan	2021
	U17AS007	A Arul Prakash			
	U17AS019	Tasleemaa K			


HEAD OF DEPARTMENT



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1	U18AS701	D. Clinton Antony	Design and fabrication of hybrid rocket engine	Dr. M. Sundararaj	2022
	U18AS029	A. Sagar			
	U18AS028	S. Someshwaran			
2	U18AS023	Nuvvula Phani Raju	Numerical and experimental analysis of flow rate inside solar chimney	Dr. N. Rajamurugu	2022
	U18AS015	Pedasingu Likhith Raj			
	U18AS019	Pemmasani Hemanth			
3	U18AS003	M. Kavya	Experimental and numerical investigations of tangent ogive cruise missile with and without boat tail	Mr. E. Maha Vishnu	2022
	U18AS005	P. Mythilhi			
4	U18AS022	Shah Neelkumar Bhaveshbhai	Computational and experimental aerodynamic investigation by imparting a ramp structure over an aerofoil	Ms. S. Praveena	2022
	U18AS001	R.L. Harish			
	U18AS016	Ram Krishn			


HEAD OF DEPARTMENT



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Declared as Deemed-to-be University under section 3 of UGC Act, 1956)
(Vide Notification No. F.9-5/2000 - U.3, Ministry of Human Resource Development, Govt. of India, dated 4th July 2002)
BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
SCHOOL OF AERONAUTICAL ENGINEERING



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Academic Year 2022-2023

Sl. No	Reg. No	Name of the Students	Title of the Project	Project Supervisor	Year
1	U19AS002	Akansh Jain	Design and analysis of an aerospike rocket engine	Dr. M. Sundararaj	2023
	U19AS023	Mohamed Abdul Irfan M			
2	U19AS004	Brisha Sharon A	Underwater remotely operated vehicle for hull cleaning	Mr. N. Kalaimani	2023
	U19AS020	Kiran Koushik			
	U19AS029	Sanandhu Santhosh			
3	U19AS005	Rahul Rayal B	Investigation of aerodynamic characteristics on deflected nose missile: parabolic and power series	Mr. E. Maha Vishnu	2023
	U19AS006	Sri Anutej Reddy C			
	U19AS034	Tharun R			
4	U19AS010	Eleena Basil	Heat transfer analysis of solar flat plate collector with various absorber tube geometries	Dr. N. Rajamurugu	2023
	U19AS012	Pratik Gaikwad			
	U19AS027	Sahil Borse			
5	U19AS019	Kaviyachelvan S	Studies on the effect of tab aspect ratio on the mixing characteristics of a circular free jet	Mr.M. Ramakrishna	2023
	U19AS021	Kirubhakaran M R			
	U19AS024	Mohammad Akbar Hussain			


HEAD OF DEPARTMENT



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1	U17AS022	Nabarun Roy	Reduction of pressure drag over a commercial truck	Dr.M. Sundararaj	2021
	U17AS030	Jayita Das			
2	U17AS005	Kishore Kumar P	Numerical analysis of m118 special ball bullet with and without boat tail	Mr. E. Mahavishnu	2021
	U17AS029	K Sreerama Subramanya Charan			
	U17AS002	Justin Leo J			
3	U17AS003	Vishal M	Computational analysis of inflatable re-entry vehicle	Dr.M. Sundararaj	2021
	U17AS014	M.T. Dhanush Praveen			
	U17AS009	Guttula Kiran			
4	U17AS017	Walter Jesudoss Devaram S	Bio-inspired super-hydrophobic surface for industrial application	Mr. M. K. Karthik	2021
	U17AS024	R. Aakash			
	U17AS010	Arja Venkata Hemanth Kumar			


HEAD OF DEPARTMENT



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Sl. No	Reg. No	Name of the Students	Title of the Project	Project Supervisor	Year
1	U18AS010	P. Sreenidhi mathangee	Experimental and computational investigation of wind pattern over ancient temple structures	Mr. E. Mahavishnu	2022
	U18AS008	K.C. Rakshitha			
2	U18AS024	Jonnakuti Praveen	Investigation of reverse swing of a cricket ball	Dr. N. Rajamurugu	2022
	U18AS020	Gandepalli Sushanth			
	U18AS007	Purushotham Charan			
3	U18AS004	T.K. Dinesh Kumar	Performance Analysis of subsonic air to sea missile	Mr. G Abinicks Raja	2022
	U18AS027	S. Rohith Kumar			
	U18AS017	G. Daniel raj			
4	U18AS021	N. Prasanna Lakshmi	Experimental and numerical investigations of indentation damage resistance in glass/epoxy composite laminates	Dr. C. Suresh Kumar	2022
5	U18AS006	S. Pushpalatha	Design and analysis of diamond shape strut injector at high mach numbers	Mr. R. Manikandan	2022


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Sl. No	Reg. No	Name of the Students	Title of the Project	Project Supervisor	Year
1	U19AS003	Ashon A	Wind tunnel studies of ground-wind loads on launch vehicles	Mr. E. Maha Vishnu	2023
	U19AS014	Gopikannan M			
	U19AS018	Kavin R			
2	U19AS008	Dheeraj G P	Theoretical and numerical study of flow characteristics around a re-entry vehicle	Dr. M. Sundararaj	2023
	U19AS017	Kareena Chandini S			
3	U19AS011	Farhat Fatma	AI powered precision target system for drone neutralization	Dr. M. Sundararaj	2023
	U19AS013	Garva Mishra A			
4	U19AS001	Sri Durga Prasad A	Experimental and numerical investigation of the effect of nozzle geometry on the mixing characteristics of supersonic jets.	Mr. P.S. Mohanasaravanan	2023
	U19AS033	Lokesh T			
	U19AS037	Shashank Y			
5	U19AS016	Prasannambika KG	Study of jet flow characteristics on circular jet influenced by microjets with various secondary mass flows.	Mr. R. Manikandan	2023
	U19AS028	Sailaja A			
	U19AS031	Sindhu S			


HEAD OF DEPARTMENT