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HOD's Message:



Prof. R.Ramesh



Dr.M.S.S.Sai

Prof. R. Ramesh, the main backbone of the course is educating the student's knowledge of computer and its engineering as almost all fields are computerized to have ease of handling the problems of designing, manufacturing, maintenance, servicing, researching, marketing and accounting.

His only motto is to make students expertise in Computer Engineering Program includes computer operations on different languages, data generation, collection and utilization of information.

Dr.M.S.S. Sai is from Department of Computer Sc. & Engineering and he opines that this department will excel nationally and distinguish itself as a recognized pre-eminent leader in imparting knowledge to students and establish State of the Art Research centre in its domain.

His sole mission is to develop students to be competent and professional solution providers, Competent to learn Emerging Technology, yet be Responsible citizens who will create wealth for the nation.

Article: EmDrive



After years of unwarranted hype and dubious experimental claims, the EmDrive, an "impossible" propulsion device that claims to produce thrust while violating Newton's Laws of Motion, has received its first published, peer-reviewed paper.

A team of researchers from the NASA-affiliated Eagle works lab published a paper last week describing a series of tests on the EmDrive. They say their methodology accounted for nearly all possible errors and returned results indicating that the device produced thrust, an apparent violation of Newton's Third Law of Motion. The drive works by bouncing microwaves around the inside of a cone-shaped chamber, apparently producing thrust even though nothing is being emitted from the device. This is in opposition to the laws of physics as we understand them, which state that every action must have an equal and opposite reaction. For example, conventional propellant-based rockets are pushed forward by the ejection of superheated gas from the nozzle.

Litany of Problems

Critics liken the EmDrive to trying to move a car by getting inside and pushing on the windshield. This violation of fundamental principles has drawn criticism from the scientific community ever since the device was first proposed in the early 2000's by British researcher Roger Shawyer. Tests of the device have been subject to some glaring flaws, and one Chinese team was forced to retract the results of a 2012 experiment after concluding that they were due to thermal expansion in the test device. And EmDrive tests have never before passed peer review, meaning that the results weren't looked over by other scientists. With this paper, published in the *Journal of Propulsion and Power*, the researchers have cleared an initial hurdle on the path to legitimacy.

That doesn't mean that the EmDrive actually works though. Passing peer review simply means that other scientists have examined their data and methodology and declared them sound. There could still be experimental flaws that no one has been able to catch yet. In addition, no one has yet replicated their experiment and produced similar results, another key step in the process.

Better Experiment

To test whether the EmDrive produced thrust, the researchers mounted it on a pendulum that would swing to indicate movement. They tested the device at different levels of current and received positive results every time. Their results indicate that the device puts out 1.2 millinewtons of thrust — or enough to accelerate a satellite weighing one kilogram to one mile per hour over the course of about six minutes — for every kilowatt of power put through it. In an important move, they tested the EmDrive in vacuum conditions as well, and report that it performs nearly the same. A prominent criticism of earlier tests was that the heat generated by the device could have been responsible for the apparent movement. Moving the experiment to a vacuum provides a more perfect environment to run tests in.

J V SAIPADMA, 3rd year

Staff Achievements:

- Mr.A.Veera Raghava Rao from CSE Department has attended and presented a Research Paper in an International conference (SDF-2105) Association of Scientists Developers and Faculties, Korea Chapter, at Seoul, South Korea from 24th to 28th June, 2015.
- Mrs.Chittineni Aruna from CSE Department has attended and presented a Research Paper in an International Conference On Engineering Technologies And Big Data Analytics (ETBDA'2016) Organized by International Institute Of Engineers in Association with International Association Of Engineering & Technology Researchers On 21st And 22nd January, 2015 In Bangkok, Thailand.
- Mrs.Chittineni Aruna from CSE Department has attended and presented a Research Paper in an International Conference on Innovation in Engineering, Science and Technology (ICIEST) organized by IRAJ Research Forum in association with Institute of Research and Journals. held at Chennai on 10th May,2015
- Mrs.Chittineni Aruna from CSE Department has attended and presented a Research Paper in 2nd IEEE International conference on Advances in Computing and Communication Engineering (ICACCE-2015) held at Tula's Institute, Dehradun, India during 1-2 May, 2015.

Toppers:

Acadamic Year:2013-2017 Branch:05 Year Studying:keylist2_2 Sem:2_1 Result							
SN O	REGDNO	NAME	PERCE NTAGE	PHOTO ID			
1	13JR1A0577	MOUNIKA YADLAPALL I	89. 94				
2	13JR1A05A5	POLISETTY KASI ANNAPURN A	87. 48				
3	13JR1A05C0	VEESAM LAKSHMI PRASANNA	87. 10				
4	13JR1A0597	NUTHALAP ATI MOUNIKA	86. 32				
5	13JR1A0553	KARANAM SUMASREE	85. 29				

Acadamic Year:2012-2016 Branch:05 Year Studying:completed_list Sem:3_1 Result						
SN O	REGDNO	NAME	PERCEN TAGE	PHOT O ID		
1	12JR1 A0511	BRUNDAV ANAM SREE PUSHPA	84.27			
2	12JR1 A0572	MANDAP ATI CHANDA NA	83.20			
3	12JR1 A0568	MADAMA NCHI SUKANYA	83.07			
4	12JR1 A0514	DANDE KUSUMA	82.53			
5	12JR1 A0525	JANASWA MI V SAIPADM A	81.60			

Placements:

- VALUE LABS company off-campus drive held on 25-01-2015 in the campus, 3 members got selected in the company with 1.8 lacks package.
- FONY TECHNOLOGIES company off-campus drive held on 05-02-2015 in the campus, 1 member got selected in the company with 2.4 lacks package.
- TCS company off-campus drive held on 19-02-2015 in the campus, 1 member got selected in the company with 3 lacks package.
- MIRACLE SOFTWARE SYSTEMS company oncampus drive held on 25-02-2015 in the campus, 9 members got selected in the company with 1.2 lacks package.
- CSS CROP company on-campus drive held on 12-03-2015 in the campus, 15 members got selected in the company with 2.4 lacks package.
- DHARANI INFO TECHOLOGIES company oncampus drive held on 15-03-2015 in the campus, 9 members got selected in the company with 1.2 lacks package.
