



# ACS COLLEGE OF ENGINEERING

Kambipura, Mysore Road, Bengaluru – 560074.

## Department of Aerospace Engineering

### Report for System Tool Kit Software Seminar

<b>Name of the Event</b>	:	Seminar on “System Tool Kit Software”
<b>Resource Person</b>	:	<b>Mr. Dhanish from SS Technologies</b>
<b>Date &amp; Time</b>	:	19.03.2019 & 2.40 PM to 03.40 PM
<b>Venue</b>	:	Seminar Hall – 3, ACSCE.
<b>No. of Participants</b>	:	30 (ASE), IV Semester Students + Three AS Staffs,

### About the Seminar

The Seminar titled “System Tool Kit Software” was organized to enrich the knowledge of Aerospace students to get exposure on STK Software.

The program was started at 1.40 PM with the welcome speech by HOD/AS and followed by introduction of the resource person **Mr. Dhanish from SS Technologies** by Mr. Madhu Kiran Reddy, Asst. Prof. ASE. The resource person handled an interactive session about the fundamentals of STK Software and its applications in space and military systems. Systems Tool Kit (STK) is the premier software for providing four-dimensional modeling, simulation, and analysis of objects from land, sea, air, and space in order to evaluate system performance in real or simulated-time. The contents of this talk were related to complex analyses of ground, sea, air, and space assets, and share results in one integrated solution. The resource person shared the information about the importance of the following aspects.

The core of STK is a geometry engine for determining the time-dynamic position and attitude of objects.

The spatial relationships among the objects under consideration including their relationships or accesses given a number of complex, simultaneous constraining conditions.

To solve problems involving Earth-orbiting satellites.

Applications in the aerospace and defense communities

In between interaction with students and questionnaire to test the ability of students and the resource person motivated the students to enrich their skills through different case studies as it's still beginning vast domain. The students were expressed that this program was highly useful to them to develop their career in aerospace field. Finally, the seminar was ended with vote of thanks by Mr. J. Siva Asst. Prof.



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## Sample Photos of “System Tool Kit Software” Seminar

