

||JAI SRI GURUDEV||

SJC INSTITUTE OF TECHNOLOGY

DEPARTMENT OF AERONAUTICAL ENGINEERING

REPORT ON AVION 5.0

Department Club-PRAVEGA, was set up in the year 2017 with a motto

- To improve the practical awareness of the students which include design and building of working models and operating them.
- To encourage and guide the students to participate in various competitions held in our college and other colleges.
- To guide students in their final year project and present paper.

The above objectives of the club, took shape during the lister College Technical Fest AVION 5.0, Department of Aeronautical Engineering. And was decided to organize 22nd and 23rd December 2023.

A team of enthusiastic students willing to work as volunteers-coordinators was formed under the supervision of Head of Department and Faculty coordinator Prof. Vidyashree K R Events conducted was discussed among student co-ordinators, faculty co-coordinator and Head of the Department. The finalized list consists of 8 events with Poster Lunch & Inauguration.

The event poster was launched on Friday, 16th December by our beloved Principal, Register & HoD's of other Department at Academic Block, SJC Institute of Technology, Chickballapura.

The emerald event coordinators was design, constructed & use the same to launch the Poster as Real application of Aero-Industry. All Aeronautical Staffs, Students and others disciplinary Students were present during the successful completion of the poster launch..



The co-ordinators came up with a program schedule which has to conducted on 22nd and 23rd Dec as follows

Day 1

- 1) Inauguration
- 2) Aircraft sketching
- 3) My big foot
- 4) Drone manoeuvring
- 5) Fly without power
- 6) Treasure hunt

Day 2

- 1) Mind-sweeper
- 2) Just imagine
- 3) Sight on site

The rule for all the events was prepared by the students with the suggestions of HOD and Faculty in charge (Rule Book Enclosed). A registration fee of Rs. 50 was fixed for each event except drone manoeuvring and fly without power with a registration fee of Rs.100 with a cash price of Rs. 1000/- the First place, Rs. 500/- for Second place and for drone manoeuvring cash prize of Rs.1500/-first place Rs.1000/-second place.

A brief budget estimate with the events planned was prepared and submitted to the Principal with a request to sanction financial assistance for the event. A request letter with schedule and rulebook was sent to various colleges having Aeronautical branches for wide publicity and participation Two students for each event were identified as Event volunteers/co-ordinators who were responsible for smooth conduction of their respective events, inviting the judges, arranging the requirements, finalization of the results etc.

Intercollegiate Tech Fest, AVION 5.0 started on 22nd & 23rd Dec, following with registration for all the events.





Day 1-22 Dec 2023

Event 1: Inauguration

The Program started with invocation song and by lighting lamp by Dr. GT-RAJU, Principal, SJCIT. Sri Suresha J, Register, SJCIT. Dr. Deepa M S, HOD, AE, SICIT. Carried by All HOD's and faculties and students.



Event 2: Aircraft sketching

Sketch your future vision of modified aircraft with a reference aircraft.

The following students was declared as winners by Judge Dr. Madhusudana S V & Venu P K

1 Place-Bharath Kumar S, 7 Sem, AE SJCIT

2 Place- Navaneetha 5 Sem, AE SJCIT

No of Registration : 07



Event 3: My big foot

Team building, communication and coordination.

The following students were declared has winners by the Judges-Dr Deepa M S

1 Place-Chandan Kumar N and team, 7Sem, AE SJCIT

2 Place -Lankesh and team, 6 SEM, AE, SJCIT

No of Registration : 18



Event 4: Drone Manoeuvring

Sky is the limit: Elevate your flying skill.

The following students was declared as winners by judge Dr. Nagesh D &Dr.NatarajuS N

1 place-Murthan (NMIT)

2place-Kruthik 5 Sem, AE SJCIT

No of Registration : 03

Event 5: Fly without power

Innovation design of a glider aircraft

The following students was declared as winners by judge Prof. Srinivas G M & Venu P K

1 place-Ganesh R 7 Sem, AE SJCIT

2 place-Lankesh 3 Sem, AE SJCIT

No of Registration : 07



Event 6: Treasure hunt

How proficient you are on campus?

The following students was declared as winners by judge all AE faculty

1 place-JOD team 3 Sem, AE SJCIT

2 place-Abhishek team 3 Sem, SJCIT

No of Registration : 18



Day 2-23 Dec 2023

Event 1: mind-sweeper

Prove how you are technically sound by answering basic aspects of aeronautics and Aerospace.

The following students was declared as winners by judge Prof. Vidyashree K R

1 place- Pramod and team 7 Sem, AS SJCIT

2 place-Divya and team 7 Sem, AS SJCIT

No of Registration : 12



Event 2: Just imagine

Crete your world with unique rules and imaginative game play with sparkling creativity.

The following students was declared as winners by judge Prof. Nirupama N Swamy

1 place- DNR team 7 Sem, AE SJCIT

2 place-Titan team 5 Sem, AE SJCIT

No of Registration : 06



Event 3: Sight on Site

Eye to mind coordination, Memory.

The following students was declared as winners by Judge Dr. Nataraju S N

1 place-Sumanth and team SJCIT

2 place- Tarun team SJCIT

No of Registration : 10



Felicitation of the above winners of the all events was organized on the second day i.e.23rd Dec 2023 and a cash prize of Rs. 1000- for First Place, Rs. 500 for Second Place and was handed over along with the certificate of Appreciation by HOD Dr Deepa M S, accomplished by the thanks giving to all the faculties, volunteers and participants who worked towards the success of the Technical Festival AVION 5.0 under the club PRAVEGA. Department of Aeronautical Engineering.





FACULTY CO-ORDINATOR

HOD