

### 7.3.1 – Institutional Distinctiveness

Embodying a unique blend of innovative programs, cutting edge research initiatives and a commitment to fostering a vibrant academic community, our institution stands out as a beacon of distinctiveness in the realm of higher education. Our institution prides itself on creating an environment where creativity thrives, thinking is wide and embarking on collaborative projects are encouraged. The institute ensures that meritorious and deserving students are not deprived of an opportunity solely on socio-economic constraints.

The faculty, being the backbone of our institute, have ample opportunities to enhance their teaching skills and involve the research activities. The institute ensure that faculty participate in FDP and conferences and publish papers on the student projects or their own research findings.

With the above mentioned ambience the institution has carved, for itself, a niche for “HACKATHON”. What started with a simple participation and winning in 2017 has now matured into passion where the institute can pride itself over the achievements since then.

The KSIT students teams regularly participate in Hackathon Competitions where a theme is normally given or a problem is defined. The participating teams have to define the problem (If only theme is given), analyse the problem, model the same if required and write a code to solve or simulate the problem.

1. Students of Computer Science and Engineering continuously participated and won the first and second prizes in the Smart India Hackathon organized by MHRD, GOI, from 2017 till date.
2. During 2022-2023, our students have won prizes in the National Level Contest - Smart India Hackathon (SIH) conducted by the Ministry of Education Innovation Cell and All India Council for Technical Education:
3. First Prize for the team Access\_Denied at Coimbatore, Tamil Nadu;

4. First Prize for the team What\_The\_Food @ Hyderabad, Telangana;
5. 1st Runner Up for the team CTRL\_ALT\_ELITE @ Bhopal, Madhya Pradesh; and
6. Winners of TOYCATHON 2021: CONTAGIOUS INTELLIGENCE.

The Institution has also organized the following competitions in which student from other institutions participate and our students facilitate the whole program:

#### Sentinel Hack – 1.0

A “24 Hour State Level Hackathon – Sentinel Hack 1.0” event was held on 9 th and 10 th Nov 2018 at K S Institute of Technology. The program was hosted by Department of Computer Science and Engineering. It was a proud moment for KSIT as the unique event of this kind was well attended by about 54 teams with 189 students from 22 different technical institutions across the state of Karnataka were participated. The aim of this “24 Hour State Level Hackathon – Sentinel Hack” event is to provide a forum for the students to exhibit their coding abilities in seven different domains and come up with their innovative ideas to solve real world problems.

#### Sentinel Hack – 2.0


On 12 th -13 th NOVEMBER- 2019 KSIT hosted Sentinel Hack 2.0 which has witnessed 72 teams with 265 students from different technical institutions across the state. The aim of this “24 Hour State Level Hackathon – Sentinel Hack 2.0” event is to provide a forum for the students to exhibit their coding abilities in seven different domains and come up with their innovative ideas to solve real-world problems.

#### Sentinel Hack – 3.0

Sentinel Hack 3.0 “Multiverse of Opportunities” was conducted on 20 th and 21 st June 2022 under Firefox Club, Guest Dr. Pradeep V Desai, CEO of Thalesat Innovations Private Limited (TIPL), 60 teams with over 200 participants all around Karnataka has taken part in the event. Mentors and Judges from industry - Academic profiles witnessed, guided and evaluated the solutions.

## Sentinel Hack – 4.0

SENTINEL HACK 4.0 – 24 hours State level Hackathon with the motto “FuturForge” under the CSE Firefox student club is organized from 3 rd May 2023 to 4 th May 2023. 65 Teams with over230 participants all around Karnataka has taken part in event enthusiastically to build the solutions. It is an event to provide a forum for the students to exhibit their coding abilities indifferent domains like Agriculture, Education, Cyber Security, Fintech, Healthcare & Open Innovation category to come up with their innovative ideas to solve real-world problems in the respective domains.

  
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## Web site link

[https://ksit.ac.in/img/hackathon\\_updated.pdf](https://ksit.ac.in/img/hackathon_updated.pdf)