



**Department of Computer Science and  
Engineering in association with KSIRIF hosted  
“The Great Bengaluru Hackathon” on 15<sup>th</sup> and  
16<sup>th</sup> March 2025**

**Venue:**

**K.S Institute of Technology, Bengaluru.**

**Coordinator:**

**Kumar K,**

**Associate Professor, Dept of CSE.**





### **The Great Bengaluru Hackathon**

The Great Bengaluru Hackathon is a groundbreaking multi-campus innovation event that unites five premier engineering Institutions – *K.S Institute of Technology, JSSATE, REVA University, PES University and R.V college of Engineering* across Bengaluru. As one of the largest student hackathons in the region and brought together passionate developers, designers, and problem-solvers in an immersive hackathon experience that spans across multiple locations simultaneously.

THE GREAT BENGALURU HACKATHON entertained all college students from across India, irrespective of the degree they are pursuing and for under graduate





(UG) students and post graduate (PG) students only and can participate either as an individual or in a team of up to 4 members. The team can be of interdisciplinary & Intercollege participants.

From 4200 teams & 1150 Ideas to 150 teams/800 participants shipped prototypes in-person across 5 campuses, and at **Department of Computer Science & Engineering, KSIT hosted Track 3** Problem statement of **Namma Yatri**.

The Track-3 event kick started from the inauguration at Conference Hall, K.S Institute of Technology, Bengaluru.

Mr. Rahul Kumar, Program Manager, Google-Bengaluru, Mr. Lijosh Varkey Joseph, HR Lead, Accenture were the chief Guests for the event. Hon. Secretary of Kammavari Sangham Sri. R Leelashankar Rao, Principal of KSIT Dr. Dilip Kumar K, Dr. Swamy D R –Director, KSRIF were present during the inauguration.



KAMMAVARI SANGHAM (R) - 1952

**K S INSTITUTE OF TECHNOLOGY**

Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi, Karnataka Accredited by NBA, KITE, BSKA, NAAC #3-A, Kuvempu, Kuvempu, Kuvempu Main Board, Bengaluru - 561008



*CORDIALLY INVITES YOU ALL TO THE*

## **THE GREAT BENGALURU HACKATHON**

ON SATURDAY, 15<sup>TH</sup> MARCH 2025 AT 10.00 AM, KSIT CAMPUS

**GUESTS OF HONOR**

**Sri Lijosh Varkey Joseph**

HUMAN RESOURCE LEAD, ACCENTURE

**Sri Rahul Kumar**

PROGRAM MANAGER, GOOGLE

**PRESIDED BY**

**Sri R Rajagopal Naidu**

PRESIDENT, KAMMAVARI SANGHAM

**WILL GRACE THE OCCASION**

**Sri. R. Leela Shankar Rao**

HON. SECRETARY, KAMMAVARI SANGHAM

**Sri. T. Neerajakshulu Naidu**

TREASURER, KAMMAVARI SANGHAM

**Dr. K V A Balaji**  
CEO, KSGI

**Dr. Dilip Kumar K**  
PRINCIPAL, KSIT

**Dr. Swamy D R**  
EXECUTIVE DIRECTOR, KSRIF

The Great Bengaluru Hackathon had three Tracks with Problem statements and problem statements provided by Testmyskills, Namma yatri and Zysk Technologies.

**Track 1: Risk-Based Proctoring System for Online Assessments**



Build a risk-based proctoring system that ensures academic integrity in online assessments without relying on video surveillance. The system should analyze non-invasive behavioral inputs like mouse movements, keystroke patterns, and activity shifts to calculate a dynamic risk score. It should proactively address flagged risks while maintaining a seamless experience for both candidates and administrators.

### **Track 2: Multilingual Conversational Loan Advisor**

Build a multilingual conversational AI assistant that helps users understand loan eligibility, guides them through the loan application process, and provides basic financial literacy tips. The assistant should be able to interact with users via voice or text and support multiple languages.

### **Track 3: Solving Peak-Hour Demand Imbalance & Reducing Ride Denials**

One of the biggest challenges in urban mobility is the imbalance between supply and demand during peak hours. Riders often struggle to find autos when they need them the most, while drivers may reject trips due to traffic, distance, or fare concerns. This leads to lost earnings for drivers and frustration for customers, ultimately affecting Namma Yatri's growth and brand trust.

#### **Challenge:**

Build an intelligent system that optimizes supply-demand balance during peak hours by:

Predicting and addressing driver-side concerns that lead to ride denials.

Encouraging drivers to accept more trips without forcing them (via incentives, rewards, or other behavioral nudges).

Helping passengers connect with available drivers faster, reducing wait times.

Exploring real-time surge balancing mechanisms that benefit both drivers and customers.

## Key Considerations

Can an AI-driven model predict peak-hour demand and proactively guide drivers to high-demand areas?

How can gamification or smart incentives (beyond just surge pricing) motivate drivers to accept more rides?

Can a fair and transparent pricing adjustment system reduce ride cancellations while ensuring driver earnings stay strong?

**The Great Bengaluru Hackathon has conducted with the association-**

HIGHTABLE

HackCulture

GitHub zysk

hackerearth

sarvam

namma yatri

**The different Nodal center's for the Hackathon:**



JSSATE  
BENGALURU

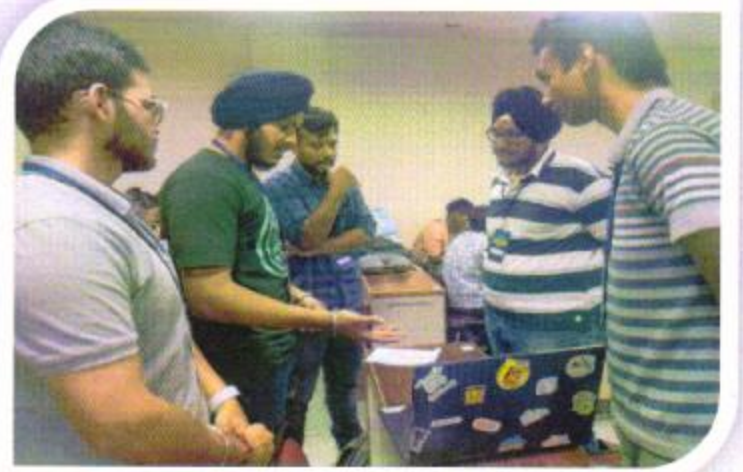


REVA  
UNIVERSITY  
Bengaluru, India





**In and around The Great Bengaluru Hackathon @ KSIT, Bengaluru.**









The valedictory has conducted at PES University, Bengaluru campus.









## **TOP 5 FINALISTS**

### **1.Team Name: One and Half Meter.**

PES University, Bengaluru

### **2.Team 2: Streaks**

PES University, Bengaluru

### **3.Team 3: Hackolics**

RVCE, Bengaluru.

### **4.TEAM 4: BlueLocks**

IIT, Madras

### **5.TEAM 5: Stacked\_Pitha**

National Institute of Technology Karnataka, Surathkal.

We thank our partners, Hack Culture and Zysk Technologies, for their invaluable support. We also extend our gratitude to the faculty Members **Dr.Rekha B Venkatapur, HoD, Dept of CSE, Prof.Roopesh Kumar B.N, Prof.Raghavendrachar S, Prof Krishna Gudi, Prof.Prashanth H S** and Special thanks to NSS Officer **Prof. Naveen V**, volunteers, and everyone who worked tirelessly behind the scenes to make this hackathon unforgettable.

We extend our thanks to Mr.Chandrakath

A special shoutout to participants from various colleges across India.

## Posters of The Great Bengaluru Hackathon

**KSIT**

**zysh** | **HackCulture**

PRESENTS

# THE GREAT BENGALURU HACKATHON

15 & 16th March 2025

**APPLY NOW!**

**INR 3 LAKH!**  
PRIZE POOL

INDUSTRY PARTNERS

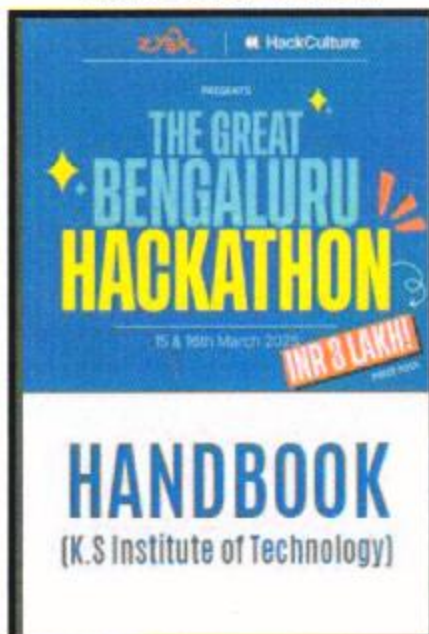
|  |  |  |   |
|--|--|--|---|
| <small>Mobility Partner</small><br><b>namma yatri</b>  | <small>AI Partner</small><br><b>sarvam</b> | <small>Hackathon Partner</small><br><b>hackerearth</b> | <small>Community Partner</small><br><b>GitHub</b> |
| <small>Platform Partner</small><br><b>testmyskills</b> |  | <small>Knowledge Partner</small><br><b>HIGHTABLE</b>   |   |

REGISTRATION & IDEA SUBMISSIONS CLOSES ON **MARCH 5TH**





## Rule Book of KSIT



| AGENDA   |   |                     |  |
|--|---|---------------------|--|
| The Great Bengaluru Hackathon  |   |                     |  |
| Sr. No.  | Events/Activities   | timings             | Remarks                                      |
| Day 1 (15th March 2025)  |   |                     |  |
| 1  | Registrations   | 8:30 AM - 10:00 AM  | Registration Desk opens from 8:30 AM         |
| 2  | Opening Ceremony/Keynote address/Team to discuss rules & support team   | 10:00 AM - 10:30 AM | NA   |
| Moderation starts at Day 1st 9:00 AM                                       |   |                     |  |
| 3  | Hack Hours  | 9:00 AM - 1:00 PM   | NA   |
| Lunch break (1:00 PM onwards)  |   |                     |  |
| 4  | 1st Checkpoint: Teams share their progress, problems, and further plans | 2:00 PM onwards     | Evaluation and mentoring                     |
| 5  | Hack Hours  | 3:00 PM - 7:00 PM   | NA   |
| 6  | Workshop session-1  | 7:00 PM             | NA   |
| Dinner (6:00 PM onwards)   |   |                     |  |
| 7  | Hack Hours  | 8:00 PM onwards     | NA   |
| END OF DAY-1   |   |                     |  |
| Day 2 (16th March 2025)  |   |                     |  |
| 8  | Workshop session-2  | 10:00 AM - 1:00 PM  | NA   |
| 9  | Hack Hours  | 1:00 PM - 5:00 PM   | NA   |
| 10   | Workshop session-3  | 5:00 PM             | NA   |
| 11   | 2nd Checkpoint: Teams share their progress, problems, and further plans | 6:00 PM - 10:00 PM  | Evaluation and mentoring                     |
| Dinner (Day 2 at 9:30 PM)  |   |                     |  |
| 12   | Hack Hours  | 10:00 PM            | NA   |
| Hackathon Ends: Day 2 at 11:00 AM (Top 27 teams advance to PES University) |   |                     |  |
| 13   | Jury elections  | 9:00 PM - 10:00 PM  | Excluding the top 27 teams at PES University |
| 14   | Closing Remarks & Awards  | NA                  | NA   |
| 15   | Announcements of Winners  | 10:00 PM - 11:00 PM | NA   |
| 16   | Vote of Thanks  | NA                  | NA   |
| END OF EVENT   |   |                     |  |



## Parameters for the Evaluation.



### Mentor evaluation form (Track-1 & Track-3)

| Mentor evaluation sheet |                            |  |                     |                     |
|-------------------------|----------------------------|--|---------------------|---------------------|
| Sl. no                  | Evaluation Criteria        | Description  | Checkpoint 1 (1-10) | Checkpoint 2 (1-10) |
| 1                       | Problem Understanding      | How well the team understands the problem statement and its real-world implications.                       |                     |                     |
| 2                       | Solution Fitment           | How well does the proposed solution align with the problem statement?                                      |                     |                     |
| 2                       | Technical Feasibility      | How viable is the solution from a technical perspective? Is it implementable within the given constraints? |                     |                     |
| 3                       | Prototype Progress         | How much of the prototype is completed? Are the core functionalities in place?                             |                     |                     |
| 4                       | Execution & Implementation | Is the team on track to deliver a working MVP by the final checkpoint?                                     |                     |                     |
| 5                       | Pre-Work Remark            | Has the team pre-worked the problem  |                     |                     |



### Mentor evaluation form (Track-2)

| Mentor evaluation sheet |                             |  |                     |                     |
|-------------------------|-----------------------------|--|---------------------|---------------------|
| Sl. no                  | Evaluation Criteria         | Description  | Checkpoint 1 (1-10) | Checkpoint 2 (1-10) |
| 1                       | Problem Understanding       | How well the team understands the problem statement and its real-world implications.                       |                     |                     |
| 2                       | Technical Feasibility       | How viable is the solution from a technical perspective? Is it implementable within the given constraints? |                     |                     |
| 3                       | Prototype Progress          | How much of the prototype is completed? Are the core functionalities in place?                             |                     |                     |
| 4                       | Execution & Implementation  | Is the team on track to deliver a working MVP by the final checkpoint?                                     |                     |                     |
| 5                       | Name of Sarvam AI APIs Used | NA   |                     |                     |
| 6                       | Sarvam API Implementation   | How well is the Sarvam AI APIs being implemented?  |                     |                     |
| 7                       | Pre-Work Remark             | Has the team pre-worked the problem before the hackathon?  |                     |                     |



**The Track-3 participants list at KSIT-Nodal Center:**

| Sl.No | Team Lead                   | College/Organization                                  | City            | Team Name            |
|-------|-----------------------------|---|-----------------|----------------------|
| 1     | Surya Prakash               | Sri Sairam Engineering College                        | Chennai         | BlueStar             |
| 2     | Abhinav S bhat              | K S Institute Of Technology                           | Bangalore       | Innov8               |
| 3     | Jyesht M                    | Gopalan College of Engineering and Management         | Bangalore       | Tech Titans          |
| 4     | Abhilash B N V S            | PES University  | Bengaluru       | Coded Chutney        |
| 5     | Akash Kamalesh              | PES University  | Bengaluru       | One and Half Meter   |
| 6     | Angad Bhalla                | Pes University  | Bengaluru       | Peak Pilots          |
| 7     | Arvind Pandey               | SRM Institute of Science and Technology               | Bengaluru       | Team Saadhana        |
| 8     | Sukh Singh Oberoi           | SRM Institute of Science and Technology               | Chennai         | BIAS                 |
| 9     | Sai Kishan S                | KS School of engineering and management               | Bengaluru       | Astro Alphas         |
| 10    | A Arshad Khan               | PES University  | Bengaluru       | CodeBlooded          |
| 11    | Gajendra Rao Pavar R        | PES College of Engineering                            | Mandya          | Gladiators           |
| 12    | Sumeeth Banagundi           | Presidency University                                 | Bengaluru       | oNe-O-oNe            |
| 13    | Aarya Upadhya               | PES Univeristy  | Bengaluru       | OPTIMIZE-PRIME       |
| 14    | Aadithyaa Ravishankar       | SRM Institute of Science & Technology                 | Chennai         | The Victory Koders   |
| 15    | Sreeharish TJ               | R V College Of Engineering                            | Bangalore       | Yukthi 2.0           |
| 16    | Spurthi H Pujar             | Acharya institute of technology                       | Bengaluru       | 4 mindz              |
| 17    | Sumith S Shet               | RV College of Engineering                             | Bangalore       | ByteStorm Innovators |
| 18    | Anil Guwalani               | SRM Institute of Science and Technology               | Chennai         | Udaan                |
| 19    | Vaishnav Manoj              | SRM Institute of Science & Technology                 | Chennai         | Heisenberg           |
| 20    | Dharma Teja R C             | Reva University                                       | Bengaluru       | Tech Drivers         |
| 21    | Harshith Mylangam Ramesh    | Indian Institute of Technology, Madras                | Chennai         | blue lock            |
| 22    | Violina Doley               | National Institute of Technology Karnataka, Surathkal | Mangalore       | Stacked Pitha        |
| 23    | Inchara S                   | Vidyavardhaka College Of Engineering                  | Mysuru          | INYA-AI              |
| 24    | Shreevathsa Gorur Prashanth | PES University  | Bengaluru       | Streaks              |
| 25    | HUTTHESH B S                | BGS College of Engineering and Technology             | Bangluru        | PIXEL CRASH          |
| 26    | Sriram M K                  | Shiv Nadar University Chennai                         | Chennai         | Reincoders           |
| 27    | Vaibhav P Roddappanavar     | RVCE  | BANGALORE URBAN | Hackoholics          |
| 28    | Priyanshu Maurya            | IIT Guwahati  | Guwahati        | DNP                  |
| 29    | Prerana MP                  | PES University  | Bengaluru       | NammaPulse AI        |
| 30    | Shibravi Nagesh             | PES University  | Bengaluru       | QuestCrusaders       |

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**PRINCIPAL**  
**K.S. INSTITUTE OF TECHNOLOGY**  
**BENGALURU - 560 109.**