



K S INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & DESIGN

REPORT ON TECHNICAL TALK

"Innovation and Problem solving in Hackthons"

Semester:	3 rd Semester
Event Type:	Technical Talk
Event Name:	"Innovation and Problem solving in Hackthons"
Date/Duration:	26-07-2023
Associated Professional Bodies	IEI, Adroit Club
No. of Students:	67
Speaker Details:	
Online link/Offline:	Offline

Event Objectives:

- To provide deep insight about "Innovation and problem solving in Hackathons".
- To provide insight about "Design thinking".
- To Provide knowledge about "SMART INDIA HACKATHONS".
- To Provide basic understanding of steps involved in Problem solving in Hackathons.

K S Institute Of Technology
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DEPARTMENT OF COMPUTER SCIENCE AND DESIGN
ORGANIZES A
TECHNICAL TALK ON
INNOVATION AND PROBLEM-SOLVING IN HACKATHONS

2-4 PM
8 July
Ground floor Seminar hall

CLIMB TO SUCCESS

PROF. SUSHMA A
ASSISTANT PROFESSOR
DEPT. OF CS&D

DR. DEEPA S.R
HEAD, DEPT. OF CS&D

DR. DILIP KUMAR K
PRINCIPAL, KSIT

DR. K.V.A. BALAJI
CEO, KSGI

Event description with pictures:



Fig1. Principal welcoming Mr. Shashank Krishna

“Innovation and problem solving in hackathon” a Technical talk was organized by the Head , Dr Deepa S R of the Department of “Computer Science and Design” on 8 July 2023.

The event started with the welcome address by the Principal of KSIT Dr.Dilip Kumar K.



Fig:2 Welcome address

The two Hour session was led by renowned expert **Mr Shashank Krishna**, Sir is an evaluator and a mentor for “**Smart India Hackathons**” and a Member of interpole world 2019 Drone working group.

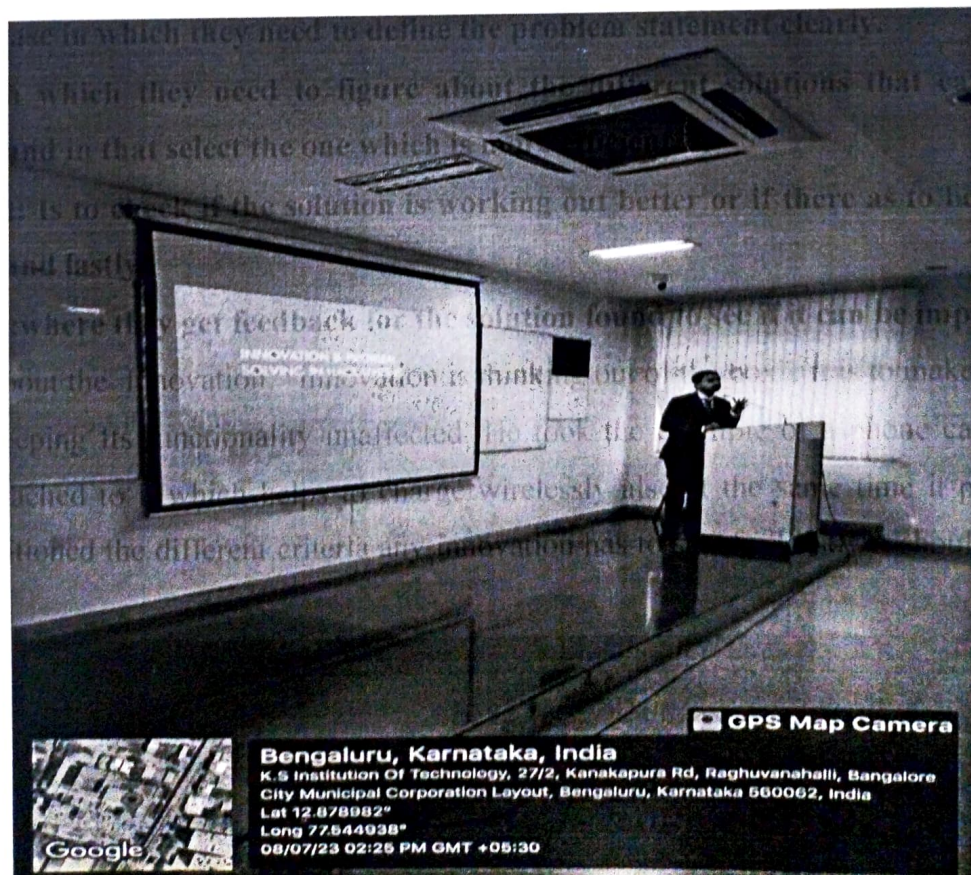
He has received many awards for his contribution to the society, he was also a nominee for Padma Shri 2020 for his work in the field of Science and Engineering.

During this session speaker covered several topics starting with Design thinking.

Speaker explained students Design thinking is not just about having an idea about design and giving the solution to it but it should be done in a particular order where it satisfy the different design thinking steps that includes ,

- **Empathice** :where one needs to collect information about what exactly then need to find solution for.
- **Define** :Ease in which they need to define the problem statement clearly.
- **Ideate**: In which they need to figure about the different solutions that can help solve the problem and in that select the one which is more efficient.
- **Prototype**: Is to check if the solution is working out better or if there as to be any changes to be made and lastly ,
- **The Test** :where they get feedback for the solution found to see if it can be improved .

Speaker spoke about the Innovation. "Innovation is thinking out of the box". It is to make a particular thing innovative yet keeping Its functionality unaffected. He took the example of a phone case where it has a magnetic disc attached to it which helps to charge wirelessly also at the same time it protects the phone Speaker also mentioned the different criteria any innovation has to satisfy. Firstly it should be user friendly and Modifiable.



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08/07/23 02:25 PM GMT +05:30

Hackathon is a social coding event that brings the computer programmers and other interested people together to improve upon and build a new software program and hardware components as well. In this way people solve and find solution to different problem statement which is more simple and efficient.

Speaker told the students the importance of why one must participate and how it is going to help one in different aspects like employment knowledge etc.

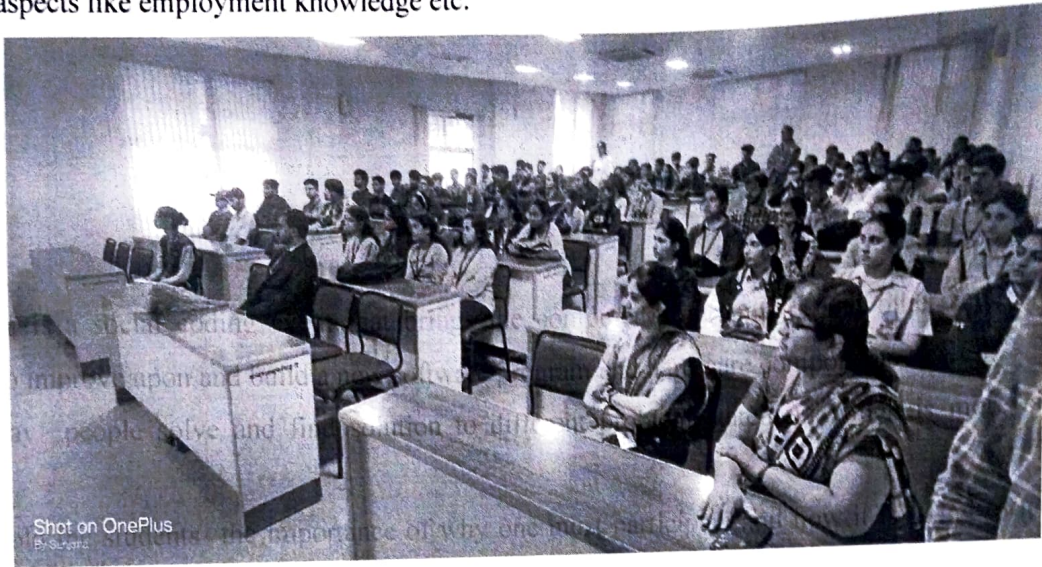


Fig 4: Students listening to the talk

Mr Shashank gave a deep insight about the different steps of Design thinking and the criterias of Innovation . He gave knowledge about the different rules one must follow during the Hackathon.

i. It could be one it could be one's behaviour, Team work ,The document submission which include simplest thing like mentioning the problem statement correctly, The knowledge about their work etc.

He told students one of the most important key is to keep the solution reality.

Then during the end of the session he briefed about the "Smart India Hackathon" throw a small video.

Students were exposed to the working environment .

The Session ended by Q&A session by Speaker **Shashank Krishna** and Vote of thanks by the Department event co-ordinator **Prof Sushma A.**

EO#	EVENT OUTCOMES
EO1	Understand the basics of
EO2	Understand
EO3	Understand
EO4	Gain awar

EO-PO Mapping

EO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
EO1	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO2	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO3	2	2	2	-	-	2	2	-	2	-	-	2	1	1
EO4	2	2	2	-	-	2	2	-	2	-	-	2	1	1
	2	2	2	-	-	2	2	-	2	-	-	2	1	1

3	Substantial (High) Correlation
2	Moderate (Medium) Correlation
1	Slight (Low) Correlation
-	No correlation.

PO's Attained: PO1, PO2, PO3, PO6, PO7, PO9, PO12

PSO's Attained: PSO1, PSO2


Event Coordinator


HoD


Principal

Attendance & Feedback Details

Name of the Event: Innovation and problem solving in hackathons

Date: 26th Jul 2023

Total number Student Participants:

Sl. No	Name	Feedback about the event & learning quotient				Signature of the participant
		Very Good	Good	Satisfactory	Unsatisfactory	
01	Deepika S	✓				Deep
02	Keerthana S	✓				Keerthana S
03	Dhanu B. K	✓				Dhanu B. K
04	G. Yogirani	✓				G. Yogirani
5.	B. N. Ruchira		✓			B. N. Ruchira
06	Anubitha D	✓				Anubitha D
07	D. Aarth	✓				D. Aarth
08	Anagha	✓				Anagha
09	Arpitha G R	✓				Arpitha G R
10	Aradhya	✓				Aradhya
11	Aradhya	✓				Aradhya
12	ASN Sreeya	✓				ASN Sreeya
13	Harshitha		✓			Harshitha
14	Divya T	✓				Divya T
15	Deepthi G.B	✓				Deepthi G.B
16	Sanjana Sreenivas	✓				Sanjana Sreenivas
17	Sudarshan Babu	✓				Sudarshan Babu
18	Sonjay P	✓				Sonjay P
	Nishanth G.K	✓				Nishanth G.K
	Prateek C.H	✓				Prateek C.H
21	Pranav H.V.	✓				Pranav H.V.
22	Shreyas G	✓				Shreyas G
23	R Sai Prakash		✓			R Sai Prakash
24	Sanjana V	✓				Sanjana V
25	Neha M.R	✓				Neha M.R
26	Sathya Sai Sri BS	✓				Sathya Sai Sri BS
27	Shruthi K Raj	✓				Shruthi K Raj

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DEPARTMENT OF COMPUTER SCIENCE & DESIGN

Technical Talk on Innovation & Problem Solving in Hackathons

08-07-2023

SL no	Student USN	Student Name	Signature
1	1KS21CG001	A S N SREEYA	
2	1KS21CG002	ABDUS SALAAM I	
3	1KS21CG003	ABHILASHA PATIL	
4	1KS21CG004	ANAGHA SHASTRY	
5	1KS21CG005	ANKITHA DEVLOKAM	
6	1KS21CG006	ARPITHA G R	
7	1KS21CG007	B H RUCHIRA	
8	1KS21CG008	BADARI PRASAD M	
9	1KS21CG009	BHARAT R	
10	1KS21CG011	CHALLA DEEPIKA	
11	1KS21CG012	DANDA AJITH KUMAR	
12	1KS21CG013	DEEPIKA S	
13	1KS21CG014	DEEPTHI G B	
14	1KS21CG015	DHANUSH B K	
15	1KS21CG016	DIVYA T	
16	1KS21CG017	G PRADEEP	
17	1KS21CG018	G YOGIRAM	
18	1KS21CG019	GOVIND VENKATESHA SHETTY	
19	1KS21CG020	HEMANTH M	
20	1KS21CG021	KARTHIK C S	
21	1KS21CG022	KEERTHANA LOKESH	
22	1KS21CG023	KEERTHANA S	
23	1KS21CG024	KEERTHANA S D	
24	1KS21CG025	KUSHAL M J	
25	1KS21CG026	KUSUM PAKIRA	
26	1KS21CG027	MONISHA M	
27	1KS21CG028	NEHA M R	
28	1KS21CG029	NISHANTH G K	
29	1KS21CG030	PAVITHRAA G	
30	1KS21CG031	PRATEEK C HIEMATH	
31	1KS21CG032	PREETHAM H V	
32	1KS21CG033	RAYALA SAI PRAKASHH	

33			
34	1KS21CG034	RIYA NAIR	riya.
35	1KS21CG035	SANJANA SREENIVAS	Sanjana
36	1KS21CG036	SANJANA V	Sanjay.p.
37	1KS21CG037	SANJAY P	Sanjay
38	1KS21CG038	SATHYA SAI SRI B S	Bavyashree
39	1KS21CG039	SAVYASHREE S	Shalini.B.
40	1KS21CG040	SHALINI B	Shalini
41	1KS21CG041	SHISHIRA MOHAN	Shishira
42	1KS21CG042	SHIVANI ADHIKARI	Shivani
43	1KS21CG043	SHREYAS G	Shreyas
44	1KS21CG044	SHREYAS M	Shreyas
45	1KS21CG045	SHRUTHI K RAJ	Shruthi
46	1KS21CG046	SUDARSHAN BABU A	Sudarshan
47	1KS21CG047	SUMANA R	Sumana
48	1KS21CG048	SUMANTH V SHET	Sumanth
49	1KS21CG049	TARUN JANGIR	Tarun
50	1KS21CG050	THANUJA B	Thanuja B.
51	1KS21CG051	THEJAS B S	Thejas
52	1KS21CG052	UNUGURU GIRI SANKAR	Unuguru
53	1KS21CG053	VAISHNAVI S	Vaishnavi
54	1KS21CG054	VARSHITHA S	Varshitha
55	1KS21CG055	VARSHITHA SRIDHAR	Varshitha
56	1KS21CG056	VIDHEESHA T M	Vidheesha
57	1KS21CG057	VIGNESH U	Vignesh
58	1KS21CG058	VYSHNAVI S N	Vyshnavi
59	1KS21CG059	YEDDULAPALLI SAHITHI	Yeddulapalli
60	1KS22CG400	ARUN A	Arun
61	1KS22CG401	CHANDRASHEKAR A	Chandrashekar
62	1KS22CG402	MAYUR GANAPTHI S BADAGERI	Mayur
63	1KS22CG403	NANDISH K S	Nandish.k.s
64	1KS22CG404	PURUSHOTHAM V MITTI	Purushotham
65	1KS22CG405	PUTTUR PRAVEEN KUMAR	Puttur
66	1KS22CG406	SHARATH N	Sharath
67	1KS22CG407	SHRUTI M	Shruti
68	1KS22CG408	SUSHIL WAGHAMARE	Sushil