

To

20/4/2022

The Principal

KSSEM

Dear Sir,

This is to inform you that we wish to conduct "best project idea contest" for the students of KS GROUP OF INSTITUTIONS . In this regard we wish to conduct a competition in the month of MAY 2022.

Kindly permit us to organise this event as well as sanction an amount of Rs 10,000 towards prizes and honorarium for the judge.

1st Prize RS 2500

2nd Prize Rs 1500

3rd prize Rs 1000

Rs 4000 towards honorarium for the resource person to Judge

Rs 1000 miscellaneous

Thanking you

Yours sincerely

Mukelle
29/4/2022

Approved:
[Signature]
20/4/22

I. K. Rana 20/4/22



K. S. GROUP OF INSTITUTIONS
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT,
BANGALORE-560109



PHASE-I

PROJECT IDEA PRESENTATION

Sl.No	Team Members	Project Idea -Title	Department
1	Divyashri M	Energy saving battery	BS
2	Nitish B Yogitha P	Death Scoop	CSE
3	Sheetal S	Dreamr	CSE
4	Varun C J Abhinandan Bhagat Rohit T M Ravi V	Smart irrigation system using IoT	CV
5	Nirosha GM Dhanush	Smart control for existing domestic switches	EEE
6	Anil Sarvesh	Design and Development of cost effective 3d Printer	
7	Mahesh K M	Automatic Pani puri Machine	ME
8	Prathvin Pavan	Atta Machine	
9	Pranit Chatterjee	Business buddy	BS
10	Balasubrahmanya R Hiriyur Arun kumar K	Solar tubular light	CV
11	Ankush BL Dhureen L Gagan Sagar K M Harish Kashyap	Implementation of Car Parking Slot allocation system	ECE
12	Bhavana S Samarth Srinivas Manjunath M Steffi Thomas	Food Quality Detector	ECE

*The Management, CEO, Principal, Staff
& Students cordially invite you for*

PROJECT IDEA PRESENTATION

phase I

On Monday|20/06/2022|Aryabhata seminar hall at 9am

Chief Guest

Sri. Sudarshan.V

Chairman, Skills & EDP Panel, KASSIA, Bengaluru

Presided By

Sri. R. Rajagopal Naidu

Hon. President, Kammavari Sangham

Sri. R. Leela Shankar Rao

Hon. Secretary, Kammavari Sangham

Sri. T. Neerajakshulu Naidu

Hon. Treasurer, Kammavari Sangham

Dr. K.V.A. Balaji

Chief Executive Officer, K.S Group of Institutions

Dr.P.N Jyothi

Project Idea Club
coordinator

Dr. K. Rama Narasimha

Principal / Director

Program

- 9:00 AM - Inauguration
- 9:05 AM - Invocation
- 9:07 AM - Lighting the lamp
- 9:10 AM - Welcome Speech
- 9:15 AM - Chief Guest Introduction
- 9:20 AM - Address by the Chief Guest
- 9:25 AM - Address by the Management, KSGI
- 9:30 AM - Address by the CEO, KSGI
- 9:35 AM - Address by the Principal, KSSEM
- 9:40 AM - Vote of Thanks



K. S. GROUP OF INSTITUTIONS
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT,
BENGALURU - 560109

PROJECT IDEA PRESENTATION REPORT
PHASE - 1

Date of the event: 20th June 2022 (Monday)

Time: 9am onwards

Chief Guest: Sri. Sudarshan. V (Chairman, Skills & EDP Panel, KASSIA, Bangalore)

Presided By: Sri. R. Rajagopal Naidu (Hon. President, Kammavari Sangham), Sri. R. Leela Shankar Rao (Hon. Secretary Kammavari Sangham), Sri. T. Neerajakshulu Naidu (Hon. Treasurer, Kammavari Sangham) and Dr. K. V. A. Balaji (Chief Executive Officer, K.S. Group of Institutions).

On 20th Morning 9am onwards we started our programme with inauguration and followed by Invocation, Lighting the lamp, welcome speech, Chief Guest Introduction, Address by Principal-KSSEM, Address by chief guest, Address by the Management-KSGI, Address by the CEO, KSGI and Vote of thanks.

After finishing our 1st Phase of the programme, we started Project Idea Club Presentations-Phase 1, given by our engineering students from different departments with their innovative ideas and presented very nicely. End of each presentation our chief guest Sri. Sundaram.V given his valuable feedback & suggestion accordingly to each group.

Details of the projects ideas and feedback are as follows -

1. Divyasri M - Basic Science

Project Title: Energy Saving Battery

Presentation was converting mechanical energy to electrical energy.

Feedback: Still need to do more work on it.

2. Nitish B & Yogitha P - Computer Science Engineering

Project Title: Death Scoop

Presentation was on to prevent non-natural death accidents caused due to car accident and save the lives.

Feedback: Consult with the car manufacturers to make this device application mandatory in cars as an accessory to the customers.

3. **Varun C J, Abhinandan Bhagat, Rohit T M & Ravi V - Civil Department**
Project Title: Smart Irrigation System Using IoT
Presentation was on smart irrigation system
Feedback: It was helpful and trying to incorporate those techniques on field.
4. **Mahesh K M: Mechanical Department**
Project Title: Automatic Pani Puri Machine
Presentation was on - 1. This automatic pani puri filling machine is highly functional and advanced thus making it easy to serve your favourite street food without any hassle.
2. The machine is a sensor-based continuous pani puri filling.
3. Hygiene is stated as the biggest issue in terms of street food. Automatic pani puri filling supports hygienic standards in the food industry. Machine is used to fill water automatically from the 4 nozzles, in 4 flavours Continuous water shaking system makes it more convenient for users.
4. The machine is developed as per economical standards such as compact, easy to handle, and zero Maintenance cost
Feedback: 1. Proper marketing should be done in street side
2. Study your customers
3. 1 machine is not enough to create a restaurant, create different equipment
4. Collect the feedback from customer
5. **Prathvin & Pavan - Mechanical Department**
Project Title: Atta Machine
Presentation was on - The idea was to bring down the size of grinder and make it portable and we can produce fine flour using the atta machine
Feedback: The machine needs to down the size of the model and even the cost so the product would run in household categories.
6. **Pangambam Jaichand, Balasubramanya R, Arun Kumar K - Civil Department**
Project Title: Solar Tubular Light
Presentation was on introduction about solar tubular light working principal advantages
Feedback: It is a good Idea, as it is a zero-emission idea, sir told to do 2-3 phases more so to set light in night-time also.
7. **Bhavana S, Samarth Srinivas, Manjunath M, Steffi K Thomas - Electronics and Communication Engineering**
Project Title: Food Quality Detector
Presentation was on to detect the methane gas emitted from food and say if its good or bad. Display data on LCD
Feedback: Check with other gas sensors and modify accordingly.

8. **Anil Kumar S. & Sarvesh M. - Electrical & Electronics Engineering**
Project Title: Design and Development of Cost-Effective 3D Printer
Presentation was on 3D Printer to decrease the material cost.
Feedback: This one very useful. Need to do some market survey on it.

GLIMPSES OF THE PROGRAM PHOTOGRAPHS

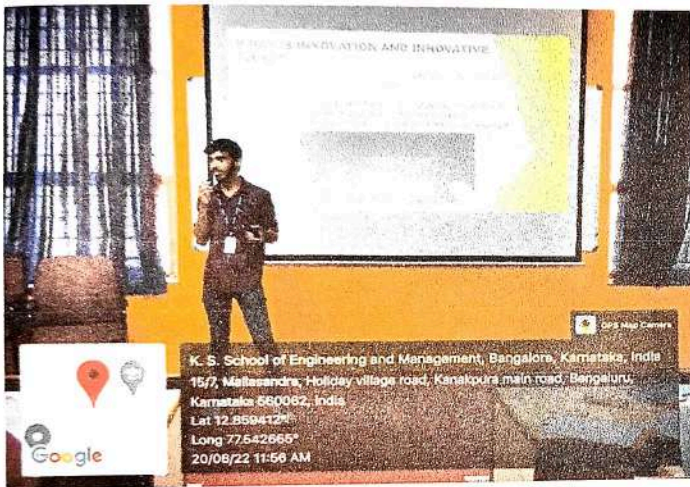




K. S. School of Engineering and Management, Bangalore, Karnataka, India
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Karnataka 560062, India
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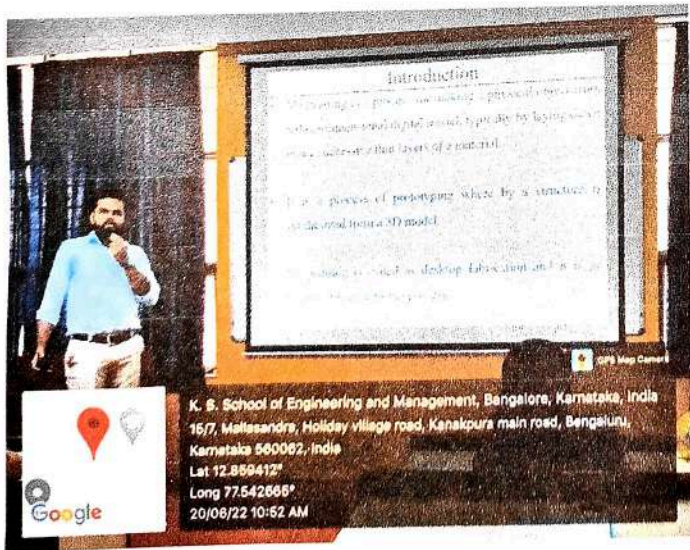
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K. S. School of Engineering and Management, Bangalore, Karnataka, India
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K. S. School of Engineering and Management, Bangalore, Karnataka, India
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K. S. School of Engineering and Management, Bangalore, Karnataka, India
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K. S. GROUP OF INSTITUTIONS

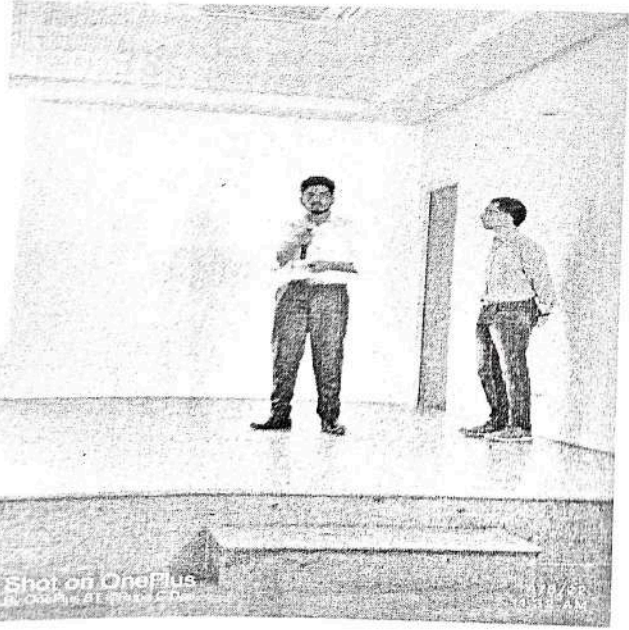
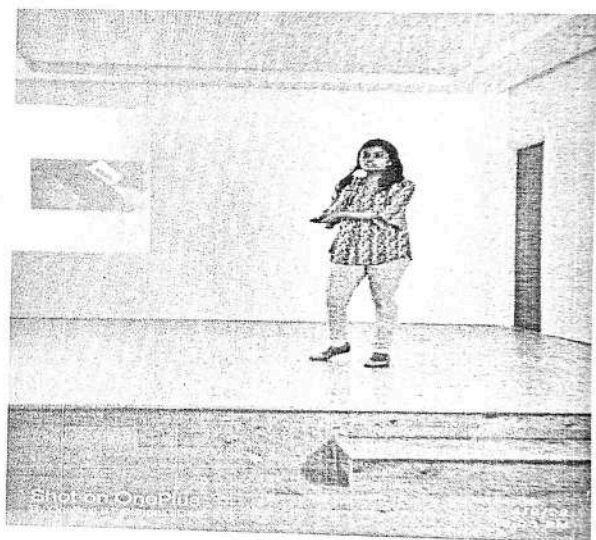
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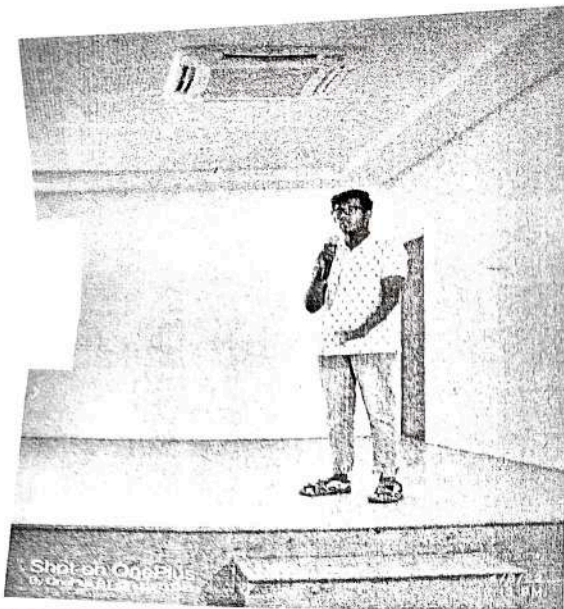
Inauguration Report

This event was inaugurated by Dr. Vijyalakshmi Akella. Students were given idea about how start a project and innovative ideas that can be converted to projects in various fields and in various applications. She also briefed out about the startup ideas and various funding agencies.



Registered Students from various departments gave presentation on their project ideas on 8th April and startup ideas on 11th April and these projects/ Startup ideas were reviewed and suggestions were given on improvising their ideas by Dr. K.Ramanarasimha, Principal/Director, KSSEM, HODs & Professors from various departments





SI No	NAME	PROJECT NAME	PHONE NUMBER	EMAIL
1	Harish.K A.Bhanu Venkat Sunith.G Karthik.C	Utilization of Waste Materials for making Sustainable Green Bricks/Blocks	9036808085	harishkharishk77710@gmail.com
2	B Sathish	Model	8792593013	mukkandlasathishsathish0@gmail.com
3	Karthik Kulkarni	Wind power vehicle	9113893637	karthikkulkarni926@gmail.com
4	Deeksha Datta	Project	9740957562	deekshaprasad@gmail.com
5	Chinmayaaditya M	Mr.Bubbles	8792822747	m.chinmayaaditya007@outlook.com
6	Darshan Gowda K M	Solar powered indoor air purifier	9008737619	darshu489@gmail.com
7	Divyasri M	Energy saving battery	none	divyasrim0603@gmail.com
8	Umesh Kumar Singh	Thermal tool *	7761899886	umeshkumarsingh727@gmail.com
9	Nitish B Yogitha P	Death Scoop	7349587712	nitishb12042001@gmail.com
10	Kusum Pakira Dhanush BK Varshitha S Tarun Jangir	Human Speed Detection	7975209680	kusumpakira727@gmail.com
11	Keerthan Gowda S	Inventory Optimization	9845871477	keerthagowdas222@gmail.com
12	Sheetal S	Dreamr	9113030943	sheetaljkv@gmail.com
13	Gowtham R bhavana G	Smartshoes	9986920237	gouthujoy77@gmail.com
14	Varun C J Abhinandan Bhagat Rohit T M Ravi V	Smart irrigation system using IoT	9380864696	varunci2@gmail.com
15	Nirosha GM Dhanush	Smart control for existing domestic switches	8553559971	niroshagowda872@gmail.com
16	Anil sarvesh	Design and development of cost effective 3d printer	8867487117	anilkumarani9799@gmail.com
17	Mahesh km	Automatic panipuri machine	9513208010	kmmahesh584@gmail.com

18	Rajalakshmi veeresh	Nano solar cell	9513569355	rajalakshriveeresh20.09@gmail.com
19	Shashank S Dheeraj P Mahesh K M Harshitha H P	Low effort running cycle	8217753477	shashanksweet16@gmail.com
20	Pranit Chatterjee	Business buddy	7259371119	pranitchatz@gmail.com
21	Tejas.k	Brain power	9880950153	tejasnavak63@gmail.com
22	Balasubrahmanya R Hiriya Arun kumar K	Solar tubular light	7619201009	balasubrahmanyahiriyur@gmail.com
23	Vaishnavi.D	Wireless charge sharing app	7019561951	vaishnavidayanand02@gmail.com
24	Ankush BL Dhureen L Gagan Sagar K M Harish Kashyap	Mini project	6360362161	maheshbabu9900688695@gmail.com
25	Prathvin Pavan	Atta Machine	9972260556	prathvinbeer@gmail.com
26	Rajalakshmi veeresh Harish Kashyap Lokesh A B Pradeep A Shravan N P	Fabrication of natural water purifier	9731044506	nspkumar6573@gmail.com