

A
REPORT OF
VISIT TO ATAL INNOVATION LAB



HELD ON

4th APRIL 2025

ORGANIZED

BY

DEPARTMENT OF MECHANICAL ENGINEERING

IN ASSOCIATION WITH NIRF AND IIC CELL, KSSEM

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

**#15, Near Vajarahalli, Mallasandra,
Kanakapura Road, Bengaluru-560109**

K S SCHOOL OF ENGINEERING AND MANAGEMENT

BENGALURU

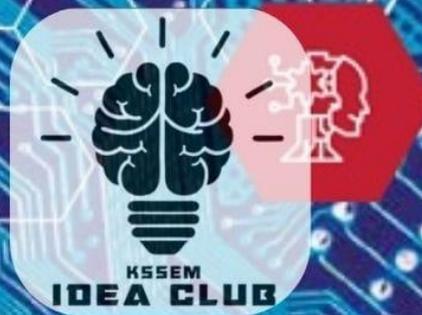
VISIT TO ATAL INNOVATION LAB

ORGANIZED BY DEPARTMENT OF MECHANICAL ENGINEERING
IN ASSOCIATION WITH NIRF & IIC CELL, KSSEM

VENUE -

JYOTHI INSTITUTE OF
TECHNOLOGY,
BENGALURU

DATE - 4TH APRIL 2025



Report of visit to ATAL Innovation Lab

Organized by

Department of Mechanical Engineering on 27-03-2025

Academic Year: 2024-25

TITLE OF THE PROGRAM:

Visit to “Atal Innovation Lab”

BRIEF SUMMARY OF PROGRAM:

The Department of Mechanical Engineering, KS School of Engineering and Management, organized a visit “Atal Innovation Lab” on 4th April 2025 for 4th and 6th semester Mechanical, Civil and Computer Science Engineering Students at Jyothi College. The visit was attended by 15 students along with 5 faculty members. This Visit was coordinated by faculty members **Dr. P. N. Jyothi and Prof. Harisha P.**, is supported by **KSSEM's Institution Innovation Council**, which promotes research and technological advancements.

OBJECTIVES OF THE PROGRAM:

1. To explore the latest advancements in food technology, including innovative techniques in bioprinting and protein extraction, and how they are revolutionizing the food industry.
2. To discuss the environmental and health benefits of these cutting-edge technologies, and their potential to drive sustainability, improve food security, and reshape the future of nutrition and food production.

VISIT DETAILS:

The Atal Innovation Lab at Jyothi College, Bengaluru, is a cutting-edge space where students explore technologies like bioprinting, protein extraction, and food science. It fosters innovation with a focus on sustainability and real-world impact.

REPORT:

We had an exciting visit to the Atal Innovation Lab at Jyothi College, where we explored some truly fascinating technologies. We learned about how algae were being turned into edible colors, visited a storage center for preserving biological samples, and observed tools such as the ELISA analyzer and RT-PCR machines used for genome sequencing. The lab also showcased a manual fluorescent microscope, a biofermentor, and 3D printers that brought sustainable ideas to life, including edible cutlery made from eco-friendly materials. It was amazing to see how these innovations could potentially transform the food and biotech industries.

We also explored the Mati Lab, which focused on creating sustainable and eco-conscious solutions. One of the highlights was the interactive Q&A session, where we had the opportunity to ask the experts about how these technologies work in real-life scenarios. Their responses opened our eyes to the vast possibilities these innovations hold for the future. It was an inspiring and thought-provoking experience that left us excited about how science and sustainability are coming together to shape tomorrow's world.

PHOTOGRAPHS



OUTCOMES OF THE PROGRAM:

1. Participants gained a deeper understanding of how innovative technologies, such as bioprinting, protein extraction, and sustainable food solutions, can revolutionize industries like food science and biotechnology.
2. The visit inspired participants to explore and apply these cutting-edge technologies in real-world projects, contributing to advancements in sustainability, food production, and environmental solutions.



Signature of Co-Ordinators



Signature of Department Head

Professor & Head

Department Of Mechanical Engineering
K.S. Group Of Institutions
K.S. School Of Engineering & Management
Bangalore - 560 109

Signature of Principal

Dr. K. RAMA NARASIMHA
Principal/Director

K.S. School of Engineering and Management
Bangalore - 560 109

PERMISSION REQUEST LETTER SUBMITTED:



KSSEM
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

Kammavari Sangham (R) 1952

K. S. GROUP OF INSTITUTIONS

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

Approved by AICTE, New Delhi; Affiliated to VTU, Belagavi, Karnataka; Accredited by NAAC

www.kssem.edu.in

DEPARTMENT OF MECHANICAL ENGINEERING

From

Date: 26/03/2025

The HOD
Department of Mechanical Engineering
K S School of Engineering and Management
Bengaluru-560109

Through,

The Principal
K S School of Engineering and Management
Bengaluru-560109

To

The Director
CIIRC
Jyothi Institute of Technology
Bengaluru

Dear Sir,

Subject: Request for Permission to Visit ATAL Innovation Lab

We kindly request your permission to visit the ATAL Innovation Lab on April 4, 2025, from 10:30 AM to 12:00 PM at your campus as part of our NIRF and IIC activities. A team comprising 10 faculty members and 10 Idea Club students has been nominated for this visit from our college.

We would greatly appreciate your support and cooperation in facilitating this visit. Kindly grant us the necessary permissions and extend your assistance in making the visit successful.

Thanking you

*Forwarded to the Director, CIIRC, JET
for kind consideration.
K.S. Rama 26/3/25*

Dr. K. RAMA NARASIMHA
Principal/Director
K S School of Engineering and Management
Bengaluru - 560 109

Dr. Balaji B 26/3/25
Dr. Balaji B
Associate Director, Admissions & PR
Professor & Head, ME Dept. KSSEM
Professor & Head
Department Of Mechanical Engineering
K.S. Group Of Institutions
K.S. School Of Engineering & Management
Bangalore-560 109

PARTICIPANTS DETAILS:



K S SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU - 560109

DEPARTMENT OF MECHANICAL ENGINEERING
VISIT TO ATAL INNOVATION LAB

DATE: 04/04/2025

SL. NO	NAME	DESIGNATION	DEPARTMENT	COLLEGE	CONTACT NO.	SIGNATURE
1	Rohan	STUDENT	MECHANICAL ENGINEERING	KSSEM	9739433770	<i>Rohan</i>
2	E C PREMIRAN	STUDENT	MECHANICAL ENGINEERING	KSSEM	9731284850	<i>E C Premiran</i>
3	Dr. P N Jyothi	FACULTY	MECHANICAL ENGINEERING	KSSEM	9663080471	<i>P N Jyothi</i>
4	Bharath C	STUDENT	MECHANICAL ENGINEERING	KSSEM	9844338234	<i>Bharath C</i>
5	Mahalakshmi m	STUDENT	CIVIL ENGINEERING	KSSEM	9632225345	<i>M Raj</i>
6	Abhishek S	STUDENT	CSE	KSSEM	8105494826	<i>A. Abhishek</i>
7	Dr Parashuram A Kutakanakeri	FACULTY	MECHANICAL ENGINEERING	KSSEM	8660095661	<i>Parashuram</i>
8	Amrutha Dhiraj	FACULTY	CIVIL ENGINEERING	KSSEM	9886443351	<i>Amrutha D</i>
9	Partha M	STUDENT	MECHANICAL ENGINEERING	KSSEM	8861763113	<i>Partha M</i>
10	Chandu ks	STUDENT	MECHANICAL ENGINEERING	KSSEM	6360443614	<i>Chandu ks</i>
11	SURYA N	STUDENT	MECHANICAL ENGINEERING	KSSEM	6363774830	<i>Surya N</i>
12	Rohith J	STUDENT	MECHANICAL ENGINEERING	KSSEM	6366797403	<i>Rohith J</i>
13	Aditya Shivaram K	STUDENT	MECHANICAL ENGINEERING	KSSEM	8792827196	<i>Aditya</i>
14	Surekshith Kumar V	STUDENT	MECHANICAL ENGINEERING	KSSEM	9501825585	<i>Surekshith</i>
15	Anand raj K	STUDENT	MECHANICAL ENGINEERING	KSSEM	7019120956	<i>Anand raj K</i>
16	VAMSHI S	STUDENT	MECHANICAL ENGINEERING	KSSEM	8884666225	<i>Vamshi S</i>
17	Sanjay K S	STUDENT	MECHANICAL ENGINEERING	KSSEM	8747871943	<i>Sanjay K S</i>
18	SUHAS PATEL	STUDENT	MECHANICAL ENGINEERING	KSSEM	9663418559	<i>Suhas Patel</i>

19. Harisha. P Faculty mechanical Engg KSSEM 9731280802 *H Harisha*

20. Dr. Abhishek. M.R Faculty mechanical Engg KSSEM 9886045566 *Abhishek*

Chela. S

Professor & Head
Department Of Mechanical Engineering
K.S. Group Of Institutions
K.S. School Of Engineering & Management
Bangalore-560 109

SAMPLE CERTIFICATE OF PARTICIPATION:



K.S SCHOOL OF ENGINEERING AND MANAGEMENT
MALLASANDRA, KANAKAPURA ROAD, BENGALURU-560109
Affiliated to VTU Belagavi, approved by AICTE, New Delhi and Accredited by NAAC



CERTIFICATE OF PARTICIPATION

HARISHA P from KSSEM

This certificate is given to acknowledge your active participation in “VISIT TO ATAL INNOVATION LAB” AT JYOTHI INSTITUTE OF TECHNOLOGY, BENGALURU, organized by Department of Mechanical Engineering in association with NIRF and IIC cell, KSSEM, on 04 April 2025.


Dr. Balaji B
Asso. Director, Admissions & PR
Prof. & Head, ME

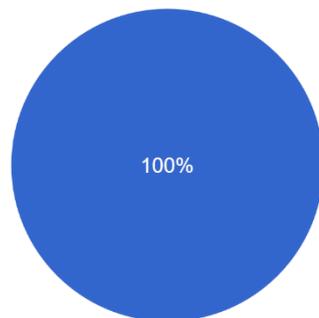

Dr. K Rama Narasimha
Principal & Director, KSSEM


Dr. K V A Balaji
CEO, KSGI

PARTICIPANT FEEDBACK:

1. WEATHER THIS PROGRAM IS USEFUL?

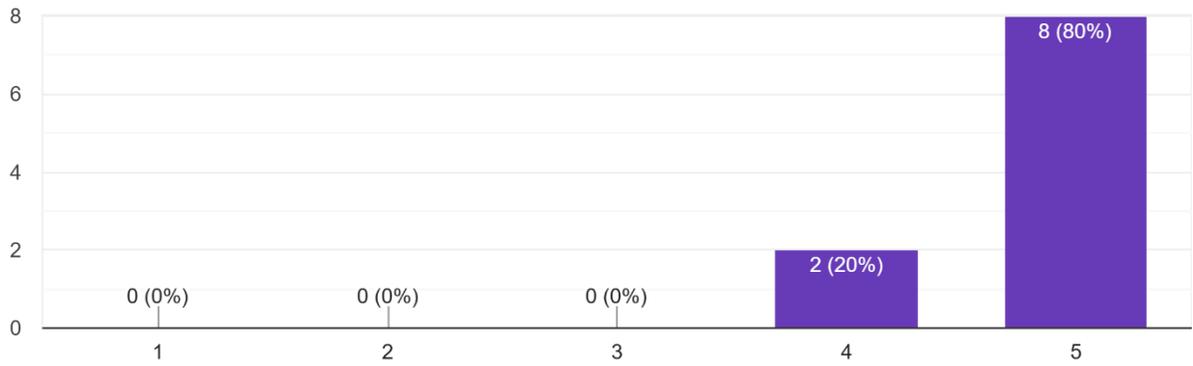
10 responses



- YES
- NO

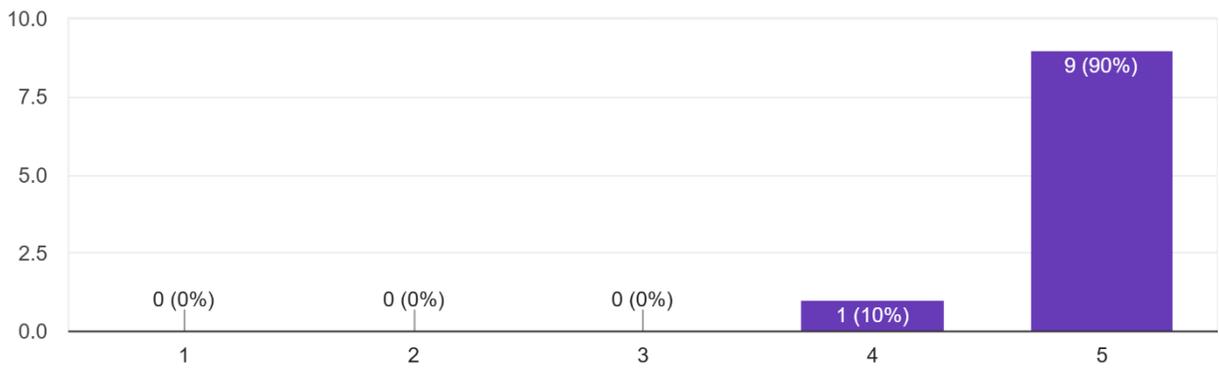
2. DID THIS PROGRAM MEETS YOUR EXPECTATIONS?

10 responses



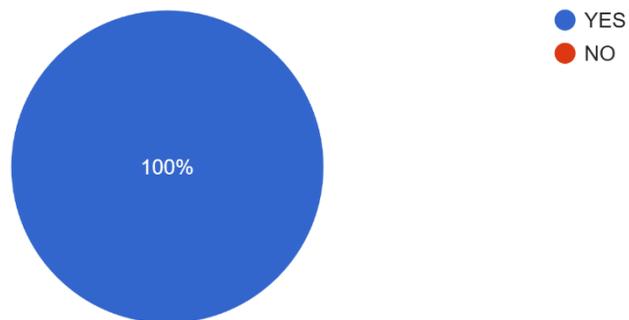
3. HOW DO YOU RATE THIS PROGRAM ?

10 responses



4. WOULD YOU LIKE TO ATTEND SUCH EVENTS IN FUTURE?

10 responses



IF ANY SUGGESTIONS

10 responses

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More visits like this are to be encouraged

Very useful informations were obtained by this visit

Had great learning experience, thank you

Nothing

Was not able to breathe in incubation lab. It would have been good if they have provided mask

Ntg

NO

Take us more