

A
REPORT OF
INDUSTRIAL VISIT TO
AT INDIA AUTO PARTS PVT. LTD



HELD ON

23RD OCTOBER 2024

ORGANIZED

BY

DEPARTMENT OF MECHANICAL ENGINEERING

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

#15, Near Vajarahalli, Mallasandra,

Kanakapura Road, Bengaluru-560109

Report of Industrial Visit Organized by
Department of Mechanical Engineering on 23-10-2024
Academic Year: 2024-25

NAME OF THE COMPANY: AT INDIA AUTO PARTS PVT. LTD

At India Auto Parts Private Limited is a Private company incorporated on 05 March 2012. It is classified as Non-government company and is registered at Registrar of Companies, Bangalore. Its authorized share capital is Rs. 6,300,000,000 and its paid up capital is Rs. 6,300,000,000. It's NIC code is 343 (which is part of its CIN). As per the NIC code, it is involved in Manufacture of parts and accessories for motor vehicles and their engines [brakes, gear boxes, axles, road wheels, suspension shock absorbers, radiators, silencers, exhaust pipes, steering wheels, steering columns and steering boxes and other parts and accessories]

BRIEF SUMMARY OF PROGRAM: The Department of Mechanical Engineering, KS School of Engineering and Management, organized an Industrial Visit. As part of our curriculum, industrial visits play a vital role in providing practical exposure to our students and bridging the gap between theory and practice. They also give them valuable insights into industry operations, technological advancements, and professional work environments. This visit was coordinated by Dr P N Jyothi and Prof. Harisha P.

OBJECTIVES OF THE PROGRAM:

- To understand the different stages of the casting process.
- To observe the workflow and machinery involved in casting.
- To explore the quality control measures in place.
- To comprehend the environmental and safety measures followed in casting operations.

REPORT

As part of our industrial exposure, we visited AT Indial Auto Parts Pvt. Ltd., a renowned manufacturer specializing in casting and machining of auto components. This visit aimed to give us practical insight into the casting process and its applications in the automotive industry. The company is equipped with advanced machinery and processes that cater to the demand for high-quality auto parts.

AT India Auto Parts Pvt. Ltd. employs the **sand casting** and **die casting** processes for the

production of their components. These processes involve the melting of metals and shaping them into desired forms by pouring the molten material into molds. Mainly AT India Auto Parts produces Transmission parts for **Toyota Automotive like Innova Crysta, Fortuner, Hycross** etc.,

We were particularly impressed by the company's rigorous quality control processes. Every batch of castings undergoes thorough inspections using non-destructive testing methods This ensures that the cast parts meet the required mechanical properties and dimensional accuracy.

The company follows strict environmental regulations by employing **dust collection systems** and **fume extraction units** in the production areas. They also recycle a significant portion of the sand used in the molding process. Safety measures, such as protective gear for workers and regular safety drills, are implemented to minimize workplace hazards.

PHOTOGRAPHS





OUTCOMES OF THE PROGRAM:

1. Participants gained a deepened understanding of how the casting process is done in industry.
2. Participants were inspired to explore safety precautions at foundry and various Auto parts produced for Toyota Automotive.

Signature of Co-ordinators

Signature of Department Head

Signature of Principal

PARTICIPANTS DETAILS: 3rd-semester Mechanical Engineering Students



K.S. SCHOOL OF ENGINEERING AND MANAGEMENT
BENGALURU-560 109

Branch : Mechanical Engineering
 Industrial Visit 2024-25

3rd Semester

Date: 23/10/2024

Sl.No.	USN	Name of the Student	Signature
1	1KG22ME003	KARTHIK R	Karthik R
2	1KG23ME001	AKASH K J	Akash KJ
3	1KG23ME002	B PURUSHOTH	
4	1KG23ME003	B RAVINDRA	B Ravindra
5	1KG23ME004	BUVAN KUMAR B N	Buvan
6	1KG23ME005	E C PREM KIRAN	E.C.Prem
7	1KG23ME006	HAMDAAN MAHIR	
8	1KG23ME007	N SRIVAISHNAVI	N Srivaisnavi
9	1KG23ME008	POTHUR DIVAKAR	P Divakar
10	1KG23ME010	RAKSHITHA V	Rakshitha V
11	1KG23ME011	SUNIL REDDY S	Sunil Reddy S
12	1KG23ME012	VALLERU CHANDRAPRAKASH	Valleru Chandrapakash
13		ANIL J M	Anil J M
14		BHARATH C	Bharath C
15		CHANDAN R	Chandan R
16		HEMANTH S R	Hemant S.R
17		K JASHWANTH RAJU	K Jashwanth Raju
18		KAUSHIK C / Kaushik.C	Kaushik.C
19		MITHUN B	Mithun B
20		NAVEEN SHANKALA	Naveen K
21		P GNANESH	P Gnanesh
22		PAVAN K	Pavan K
23		PRUTHVI M	Pruthvi M
24		R GOWTHAM	R Gowtham
25		RAVIKUMAR G	Ravikumar G
26		SHARATH KUMAR E	Sharath Kumar E
27		SUDEEP S	Sudeep S
28		SUJITH S	Sujith S
29		TANAV VISHWANTH	Tanav Vishwanth
30		THARUN K	Tharun K
31		VIKAS K	Vikas K
32		VIKAS S	Vikas S

A
REPORT OF
ONE DAY FACULTY WORKSHOP ON
RESEARCH FUNDING SCHEMES IN INDIA



HELD ON

30th NOVEMBER 2024

ORGANIZED

BY

K S RESEARCH & INNOVATION FOUNDATION

In association with

DEPARTMENT OF MECHANICAL ENGINEERING

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

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



KSSEM
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Mallasandra, Kanakapura Road, Bengaluru-560109

K S RESEARCH & INNOVATION FOUNDATION

ORGANISES ONE-DAY FACULTY WORKSHOP ON

“RESEARCH FUNDING SCHEMES IN INDIA”



Speaker

Dr. T Ram Prabhu
Joint Director/Scientist
CEMILAC, DRDO



30 November 2024



9:30 am - 12:30 pm



Civil Ultratech Seminar Hall

CO-ORDINATOR: Prof. Harisha P
Asst. Prof. MED



Organized by



In association with

Dept. of Mechanical Engineering
Institution Innovation Council



Dr. Balaji B
Associate Director, Admissions & PR
Prof. & Head, Dept. of Mechanical Engineering

Dr. K. Rama Narasimha
Principal /Director
KSSEM

Dr. D R Swamy
Executive Director
KSRIF

Dr. K.V.A Balaji
CEO & Member Secretary
KSGI

Report of One Day Faculty Workshop
Organized by
K S Research & Innovation Foundation
Department of Mechanical Engineering on 30-11-2024
Academic Year: 2024-25

TITLE OF THE PROGRAM:

One-Day Faculty Workshop on “Research Funding Schemes In India”

BRIEF SUMMARY OF PROGRAM:

K S Research & Innovation Foundation in association with the Department of Mechanical Engineering, KS School of Engineering and Management, organized one-day faculty workshop. As part of fostering the research culture, This workshop plays a vital role in providing realistic exposure to our faculty members to know the various opportunities for research funding in India. This also gives them valuable insights into funding with respect to students, faculty, women category, early career research category, technological advancements they expect, and professional work environments that support the research work. This workshop was coordinated by Prof. Harisha P, Assistant Professor, Dept. of Mechanical Engg. KSSEM.

OBJECTIVES OF THE PROGRAM:

- Overview of research funding schemes in India
- Eligibility criteria and application process
- Tips for writing successful proposals
- Networking opportunities with peers and experts

SPEAKER'S DETAILS:

Dr. T. Ram Prabhu is a distinguished scholar and scientist with over 15 years of groundbreaking research and development in engineering design, materials science, and additive manufacturing. He holds a PhD from the prestigious Indian Institute of Technology Madras, along with advanced degrees from the Indian Institute of Science Bangalore and National Institute of Technology Trichy. Dr. Prabhu's academic journey reflects not only excellence but also his passion for pushing boundaries in science and technology.

Currently serving as Scientist 'E' and Joint Director at DRDO, Dr. Prabhu has significantly contributed to India's defense and aerospace sectors. His pioneering work in metal additive manufacturing and 3D printing has enabled indigenous production of critical components for military aircraft, helicopters, aero engines, and UAVs, aligning with the "Atmanirbhar Bharat" initiative. His efforts have not only led to substantial cost savings for the country but also established India as a global player in advanced manufacturing technologies.

Dr. Prabhu's accolades include the Lifetime Achievement Award for contributions to metal 3D printing, the IEI Young Engineer Award, and recognition among Stanford University's top 2% of scientists worldwide. He has authored over 70 high-impact research publications, reviewed manuscripts for leading journals, and co-authored several books on advanced materials and manufacturing also have more than 1800 citations.

Beyond his professional achievements, Dr. Prabhu has been an inspirational mentor, guiding numerous PhD and postgraduate students. His expertise spans a wide array of fields, from tribology and aerospace alloys to machine learning applications in materials engineering.

REPORT:

Research is the cornerstone of progress and innovation, driving the advancement of knowledge and the development of solutions to complex problems. It plays a vital role in every field, from science and technology to social sciences and humanities, enabling informed decision-making, policy formulation, and practical applications that benefit society.

Through research, we gain deeper insights into the natural world, improve healthcare, enhance technology, and address pressing global challenges like climate change and sustainable development. It fosters critical thinking, curiosity, and creativity, pushing the boundaries of what is possible and enabling us to adapt to an ever-changing world.

Moreover, research contributes to education, empowering individuals with evidence-based knowledge and the tools to question, explore, and innovate. It bridges the gap between theory and practice, ensuring that academic inquiry translates into real-world impact. Ultimately, research is the driving force behind societal progress, shaping a better future for humanity.

Keeping all this in mind KSRIF initiated this program to build a continuous driving force to run the research ecosystem in our institution. Speaker Dr. T Ram Prabhu emphasised on Various Funding schemes for all the engineering & Management Discipline.

PHOTOGRAPHS







OUTCOMES OF THE PROGRAM:

- Participants gained a deepened understanding of Various Research funding schemes in India.
- Participants were inspired to explore research activities and received opportunities for further guidance from Dr. T. Ram Prabhu and his network of renowned experts.

Signature of Co-Ordinator

Signature of Department Head

Signature of Executive Director, KSRIF

Signature of Principal

PARTICIPANTS DETAILS:



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

Date: 30/11/2024

RESEARCH FUNDING SCHEMES IN INDIA, ATTENDANCE RECORD				
SL. NO	NAME	ORGANIZATION NAME	DESIGNATION	SIGNATURE
1	P N JYOTHI	KSSEM	Professor	
2	Nagaveni B Nimbal	KSSEM	Associate Professor	
3	Manjunatha S	KSSEM	Associate Professor & HOD, MBA Department	
4	Arundathi K L	KSSEM	Assistant professor	
5	Manjunath B	KSSEM	Assistant professor	
6	Amrutha Dhiraj	KSSEM	Assistant Professor	
7	Pallavi M	KSSEM	Assistant Professor	
8	Dr Rashmi H R	KSSEM	Associate professor	
9	Dr Arekal Vijay	KSSEM	Professor	
10	Dr. Girish V. Attimarad	KSSEM	Professor, Dept of ECE	
11	Dr. H R. RADHA	KSSEM	Assistant professor	
12	Dr.Swarna S	KSSEM	Assistant Professor	
13	Hemapriya M	KSSEM	Assistant Professor	
14	Gopalakrishna Murthy C R	KSSEM	Associate Professor	
15	TEJASWINI G V	KSSEM	Assistant Professor	
16	Dr.MANU D K	KSSEM	Associate Professor	
17	Dr Anitha R	KSSEM	Assistant professor	
18	Bharathi Gururaj	KSIT	Associate Professor	
19	Ravikiran B A	KSSEM	Assistant professor	
20	Meghana C	KSSEM	Assistant Professor	
21	Dr. Arun Kumar M	KSSEM	Associate Professor	
22	Dr.Saleem S Tevaramani	KSIT	Assistant Professor	
23	Dr. Girish TR	KSIT	Associate Professor	



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www.kssem.edu.in

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 30/11/2024


RESEARCH FUNDING SCHEMES IN INDIA, ATTENDANCE RECORD				
24	Sheeja Krishnan	KSIT	Associate Professor	
25	Dr. Harisha S	KSIT	Assistant Professor	
26	Supriya MD	KSIT	Assistant professor	
27	Dr. Chaithra	KSIT	Associate Professor	
28	Dr. Venkataramana BS	KSIT	Associate professor	
29	Dr Nagaprasad K S	KSIT	Associate Professor	
30	Dr. SALEEM KHAN	KSIT	Assistant professor	
31	Dr. Sneha girish	KSIT	Professor	
32	Dr. Suresh M B	KSIT	Prof. & Head, Dept of AIML, KSIT	
33	Dr. P.SOUBHAGYALAKSHMI	KSIT	Associate Professor	
34	Krishna Bhargav K L	KSSEM	Assistant Professor	
35	ABHISHEK M R	KSSEM	Associate Professor	
36	Dr. Vijayalaxmi Mekali	KSIT	Professor	
37	Niraja	KSSEM	Assistant professor	
38	Kokila Kulkarni	KSSEM	Assistant Professor	
39	Kalyani Suresh	KSSEM	Asst. Professor	
40	Dr Nagaprasad K S	KSIT	Associate Professor	
41	ROOPA BALAVENU	KSSEM	Assistant Professor	
42	PARASHURAM A KUTAKANAKERI	KSSEM	Assistant Professor	
43	Dr Surekha Byakod	KSIT	Associate Professor	
44	Chandana Baiya M.S	KSSEM	Assistant Professor	
45	Dr. Anila . P	K. S. S. E. T	Assistant professor	
46.	SOUGANDHIKA NARAYAN	KSSEM	A.P.	
47.	Anitha . S.	KSSEM	ASSOC. Prof.	
48.	Jaya Shubha . J.	KSSEM	ASSOC. Prof.	
49.	Dr. Dinesh Kumar . D. S	KSIT	Associate professor	

SAMPLE CERTIFICATE OF PARTICIPATION:



KSSEM
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

K.S SCHOOL OF ENGINEERING AND MANAGEMENT
MALLASANDRA, KANAKAPURA ROAD, BENGALURU-560109
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KSRIIF


CERTIFICATE OF PARTICIPATION

HARISHA P from KSSEM

This certificate is given to acknowledge your active participation in **One Day Faculty Workshop on “ Research Funding Schemes In India”** organized by K S Research & Innovation Foundation in association with Department of Mechanical Engineering on 30 November 2024.




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




Dr. K Rama Narasimha
Principal & Director, KSSEM



Dr. D R Swamy
Executive Director, KSRIIF



Dr. K V A Balaji
CEO, KSGI

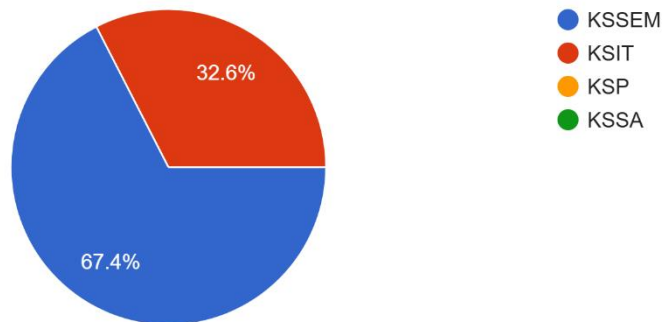


INSTITUTION INNOVATION COUNCIL
(Ministry of HRD Initiatives)

PARTICIPANT FEEDBACK:

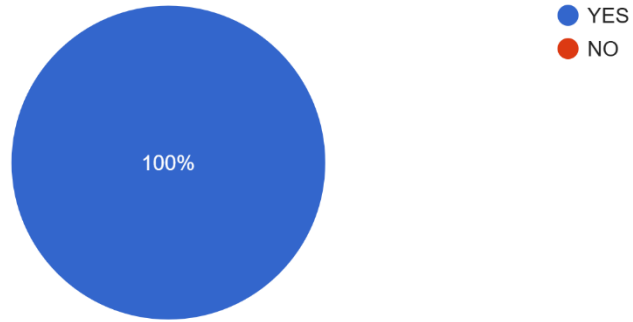
ORGANIZATION NAME

43 responses



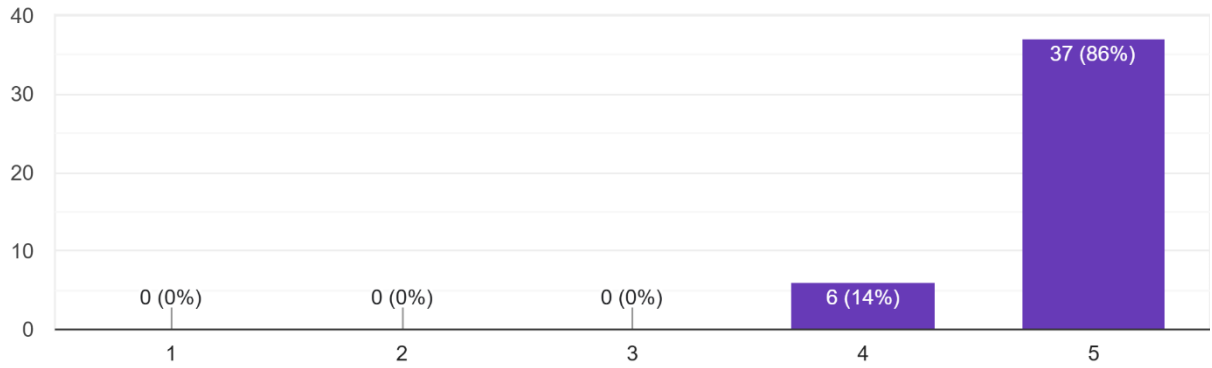
1. WEATHER THIS PROGRAM IS USEFUL?

43 responses



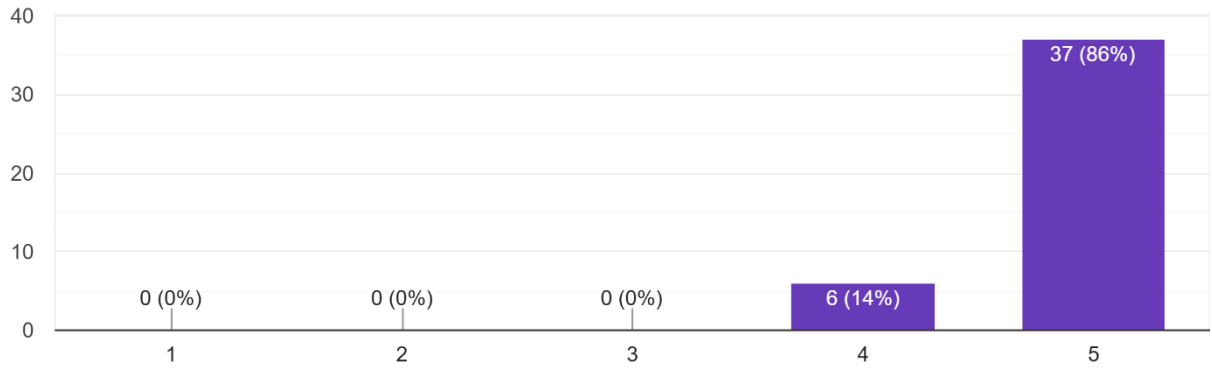
2. DID THIS PROGRAM MEETS YOUR EXPECTATIONS?

43 responses



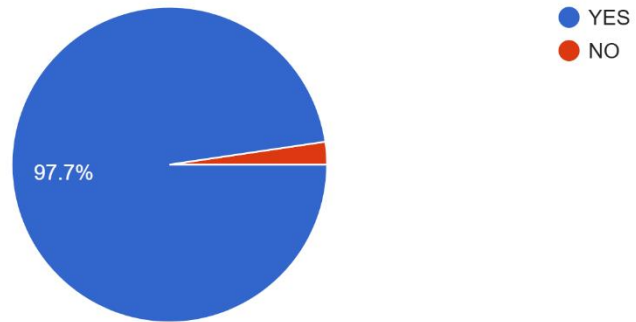
3. HOW DO YOU RATE THIS PROGRAM ?

43 responses



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

43 responses



**A
REPORT OF
AWARENESS TALK ON**

**RENEWABLE ENERGY & ENERGY CONSERVATION
FOR SUSTAINABLE DEVELOPMENT**



HELD ON

27th MARCH 2025

ORGANIZED

BY

DEPARTMENT OF MECHANICAL ENGINEERING

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

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



KSSEM
K S SCHOOL OF ENGINEERING AND MANAGEMENT

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(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, Accredited by NAAC)

Mallasandra, Kanakapura Road, Bengaluru-560109

DEPARTMENT OF MECHANICAL ENGINEERING ORGANIZES TALK ON

“RENEWABLE ENERGY & ENERGY CONSERVATION FOR SUSTAINABLE DEVELOPMENT”



Speaker

Dr. H Nagana Gouda

Former Director

National Training Centre for Solar Technology
KPCL



FACULTY CO-ORDINATORS

Dr. P N Jyothi, Prof. MED
Prof. Harisha P, Asst. Prof. MED



27 March 2025



10:30 am -12:00 pm



Aryabhata Seminar Hall



Dr. Balaji B
Associate Director, Admissions & PR
Prof. & Head, Dept. of Mechanical Engineering

Dr. K. Rama Narasimha
Principal /Director
KSSEM

Dr. K.V.A Balaji
CEO & Member Secretary
KSGI

Report of Awareness Talk
Organized by
Department of Mechanical Engineering on 27-03-2025
Academic Year: 2024-25

TITLE OF THE PROGRAM:

“Renewable energy & energy conservation for sustainable development”

BRIEF SUMMARY OF PROGRAM:

The Department of Mechanical Engineering at K S School of Engineering and Management (KSSEM), Bengaluru, is organising a technical talk on "**Renewable Energy & Energy Conservation for Sustainable Development**" on **March 27, 2025**, from **10:30 AM to 12:00 PM** at the **Aryabhata Seminar Hall**. The session will be led by **Dr. H Nagana Gouda**, Former Director of the National Training Centre for Solar Technology (KPCL). The event aims to educate students and faculty members about the significance of renewable energy sources and energy conservation in achieving sustainability. This talk, 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. **Raise Awareness** – Educate participants on the importance of renewable energy and energy conservation for a sustainable future.
2. **Encourage Innovation** – Inspire students to explore innovative solutions in renewable energy technologies.
3. **Industry Insights** – Provide practical knowledge on solar technology and energy-efficient practices.
4. **Sustainability Focus** – Highlight strategies for reducing carbon footprints and optimizing energy use.
5. **Skill Development** – Equip attendees with fundamental knowledge useful for careers in the energy sector.

SPEAKER'S DETAILS:

Dr. H. Nagana Gouda is a distinguished expert in the field of renewable energy and energy conservation, with over 35 years of experience in academia, government institutions, and corporate

sectors.

He holds a B.E. in Electronics, M.E. in Power Electronics, and a Ph.D. in Non-Conventional Power Sources (Wind Energy). Additionally, he has an L.L.B. degree, showcasing his multidisciplinary expertise.

Dr. Gouda has served in key roles, including:

1. Director at the National Training Centre for Solar Technology, KPCL (2010-2019).
2. Technical Officer and Assistant General Manager at Karnataka Renewable Energy Development Ltd. (KREDL) (2003-2010).
3. Assistant Engineer & Assistant Executive Engineer at Karnataka Power Corporation Ltd. (KPCL) for 13 years.
4. Academic Experience – 6 years of teaching from 1984-1990.

Key Contributions & Achievements:

1. Presented over 4,550 technical papers at national and international conferences.
2. Served as Vice Chairman for the Energy Conservation of Building Codes (ECBC) Committee under the Public Works Department, Government of Karnataka.
3. Member of several prestigious organizations, including Bureau of Indian Standards (BIS), Fellow of Institution of Engineers (India), and the Indian Society for Technical Education (ISTE).
4. Recipient of 22 awards for contributions to energy efficiency and renewable energy policies.

Dr. Gouda is a strong advocate for energy efficiency policies, solar energy advancements, and sustainable development. His work has been instrumental in shaping renewable energy strategies and regulations in Karnataka and India.

REPORT:

Renewable energy plays a crucial role in achieving sustainable development by providing clean, reliable, and environmentally friendly power solutions. Among various renewable sources, solar power technology has emerged as a key driver of energy transition, harnessing abundant sunlight to generate electricity through photovoltaic (PV) systems and solar thermal applications.

By reducing dependence on fossil fuels, solar energy helps mitigate climate change, lower carbon emissions, and promote energy security. Innovations in solar panel efficiency, energy storage, and smart grid integration are making solar power more accessible and cost-effective.

Investing in renewable energy not only supports economic growth and job creation but also ensures a greener future by preserving natural resources. Widespread adoption of solar technology in

residential, commercial, and industrial sectors is a vital step toward achieving global sustainability goals and a cleaner environment for future generations.

Keeping the importance of renewable energy in today's world Department of Mechanical Engineering initiated this program to create awareness and build responsibility among students concerning renewable energy.

PHOTOGRAPHS





OUTCOMES OF THE PROGRAM:

- Participants gained a deepened understanding of Various Solar technologies in India.
- Participants were inspired to explore various devices used in solar technology.

Signature of Co-Ordinators

Signature of Department Head

Signature of Principal

PARTICIPANTS DETAILS:



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

DEPARTMENT OF MECHANICAL ENGINEERING

Talk On: "Renewable Energy & Energy Conservation for Sustainable Development"

6th Semester Student List (2024-25) Date: 27/03/2025

Sl.No	USN	Name	Student Signature
1	1KG22ME001	ANEESH L ARADHYA	
2	1KG22ME002	ASHIK B K	
3	1KG22ME005	PRAJWAL M S	
4	1KG22ME006	ROHAN PRADEEP TEMKAR	
5	1KG22ME007	SURYA N	
6	1KG22ME008	YASHWANTH GOWDA S	
7	1KG23ME400	ABHISHEK A	
8	1KG23ME401	ADITYA SHIVARAM K	
9	1KG23ME403	ANAND RAJ K	
10	1KG23ME404	ANAND S	
11	1KG23ME405	CHANDU K S	
12	1KG23ME406	DHANUSH PRABHA V	
13	1KG23ME407	DHRUVA R	
14	1KG23ME408	HARISH C	
15	1KG23ME409	JAMAL AHAMED	
16	1KG23ME410	KIRAN KUMAR N	
17	1KG23ME411	LOHITH S	
18	1KG23ME412	MADAN KUMAR	
19	1KG23ME413	NAYAN S N	
20	1KG23ME414	P DHANUSH	
21	1KG23ME415	PARTHA M	
22	1KG23ME416	RANGARAJU C K	
23	1KG23ME417	REHAMAN SHARIFF	
24	1KG23ME418	ROHITH J	
25	1KG23ME419	SANJAY K S	
26	1KG23ME421	SUHAS M	
27	1KG23ME422	SUHAS PATEL P	
28	1KG23ME423	SURAKSHITH KUMAR V	
29	1KG23ME424	VAMSHI S	

Head of the Department

Professor & Head

Department Of Mechanical Engineering

K.S. Group Of Institutions

K.S. School Of Engineering & Management



K.S. SCHOOL OF ENGINEERING AND MANAGEMENT
BENGALURU-560 109

Department of Mechanical Engineering
Talk On: "Renewable Energy & Energy Conservation for Sustainable Development"

IV Semester Attendance List (2024-25)

Date: 27/03/2025

SL.No.	USN	Name of the Student	Signature
1	1KG22ME003	KARTHIK R	Karthik R
2	1KG23ME001	AKASH K J	Akash K J
3	1KG23ME002	B PURUSHOTH	B Purushoth
4	1KG23ME003	B RAVINDRA	B Ravindra
5	1KG23ME004	BUVAN KUMAR B N	AB
6	1KG23ME005	E C PREM KIRAN	E C Prem Kiran
7	1KG23ME006	HAMDAAN MAHIR	Hamdaan Mahir
8	1KG23ME007	N SRIVAISHNAVI	N Srivaishnavi
9	1KG23ME008	POTHUR DIVAKAR	P Divakar
10	1KG23ME010	RAKSHITHA V	Rakshitha V
11	1KG23ME011	SUNIL REDDY S	Sunil Reddy S
12	1KG23ME012	VALLERU CHANDRAPRAKASH	Valleru Chandraprakash
13	1KG24ME400	ANIL J M	Anil J M
14	1KG24ME401	BHARATH C	Bharath C
15	1KG24ME402	CHANDAN R	AB
16	1KG24ME403	HEMANTH S R	Hemant H S R
17	1KG24ME404	K JASHWANTH RAJU	AB
18	1KG24ME405	KAUSHIK C	AB
19	1KG24ME406	MITHUN B	Mithun B
20	1KG24ME407	NAVEEN SHANKALA	Naveen Shankala
21	1KG24ME408	P GNANESH	P Gnanesh
22	1KG24ME409	PAVAN K	AB
23	1KG24ME410	PRUTHVI M	Pruthvi M
24	1KG24ME411	R GOWTHAM	R Gowtham
25	1KG24ME412	RAVIKUMAR G	Ravikumar G
26	1KG24ME413	SHARATH KUMAR E	Sharath Kumar E
27	1KG24ME414	SUDEEP S	Sudeep S
28	1KG24ME415	SUJITH S	Sujith S
29	1KG24ME416	TANAV VISHWANTH	AB
30	1KG24ME417	THARUN K	Tharun K
31	1KG24ME418	VIKAS K	Vikas K
32	1KG24ME419	VIKAS S	Vikas S


Head Of the Department
Professor & Head
Department Of Mechanical Engineering



K.S. SCHOOL OF ENGINEERING AND MANAGEMENT
BENGALURU-560 109
Department of Mechanical Engineering

Talk On: "Renewable Energy & Energy Conservation for Sustainable Development"
IInd Semester student Attendance [2024-25]


Date: 27/03/2025


Sl.No.	USN	Name of the Student	Student Signature
1	1KG24ME001	ADITHYA T S	Adithya
2	1KG24ME002	AJAY KUMAR M	Ajay
3	1KG24ME003	B RUDRESH	B Rudresh
4	1KG24ME004	CHAITHANYA REDDY KARNATI	Chaitanya
5	1KG24ME005	CHAITRA R	Chaitra
6	1KG24ME006	GANESH GOWDA B R	Ganesh
7	1KG24ME007	K GIRICHARAN	K Giricharan
8	1KG24ME008	KIRAN L	AB
9	1KG24ME009	KURAPATI MUKESH	Mukesh
10	1KG24ME010	LIKITH BABU	Likith
11	1KG24ME011	MALLIDI BHARATH NAIDU	Mallidi
12	1KG24ME012	MOHAMMED YASEEN	Mohammed Yaseen
13	1KG24ME013	MUHAMMED SHAHID KHAN	Muhammed
14	1KG24ME014	P HARSHITH SINGH	P Harshith
15	1KG24ME015	ROOPA S	Roopa
16	1KG24ME016	SANJANA G	Sanjana G
17	1KG24ME017	SANTOSH M	Santosh
18	1KG24ME018	SUMANTH S	Sumanth S
19	1KG24ME019	VIJAY BHASKAR NARASIMHA	Vijay
20	1KG24ME020	VIROCHANA B M	Virochana
21	1KG24ME021	YASHASH P KOPPAD	AB

Head of the Department

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


 INSTITUTION INNOVATION COUNCIL
(Ministry of HRD Initiatives)


CERTIFICATE OF PARTICIPATION

HARISHA P from KSSEM

This certificate is given to acknowledge your active participation in **Talk on “Renewable Energy and Energy Conservation for Sustainable Development”** organized by Department of Mechanical Engineering on 27 March 2025.


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

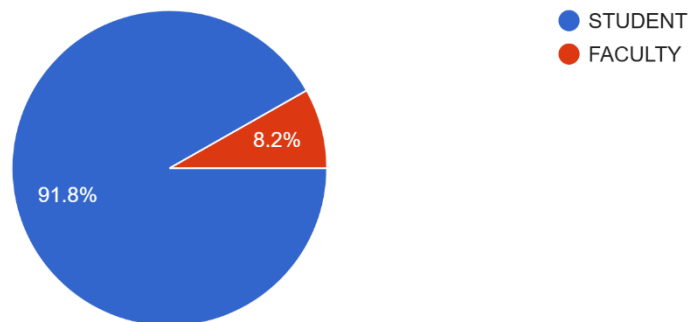

Dr. K Rama Narasimha
Principal & Director, KSSEM


Dr. K V A Balaji
CEO, KSGI

PARTICIPANT FEEDBACK:

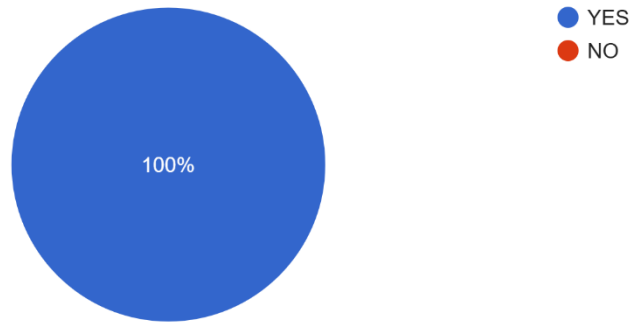
DESIGNATION

61 responses



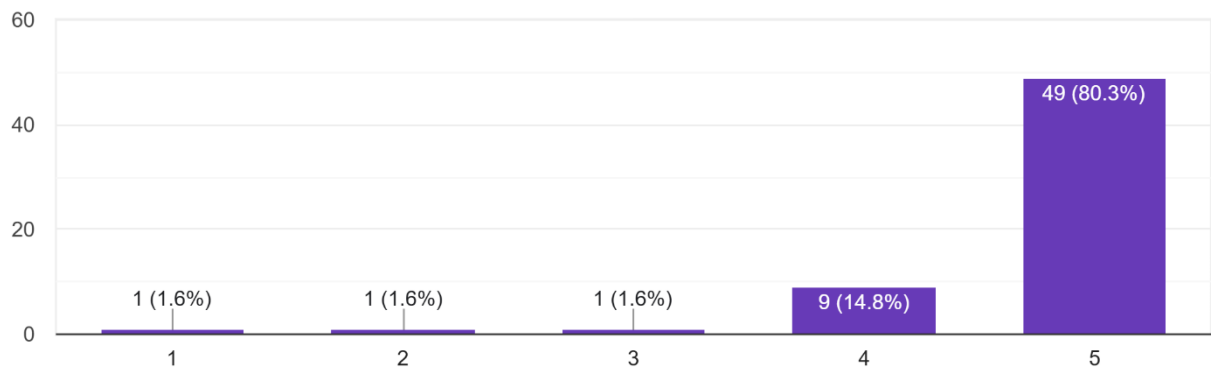
1. WEATHER THIS PROGRAM IS USEFUL?

61 responses



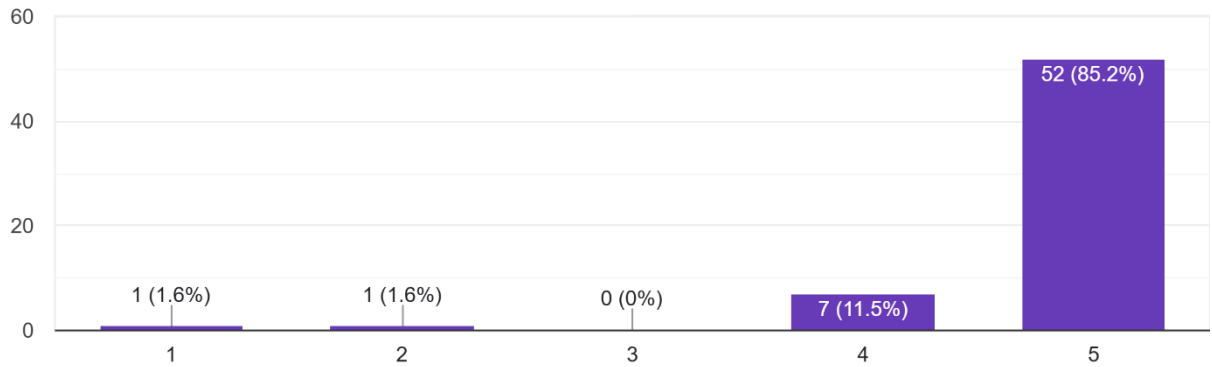
2. DID THIS PROGRAM MEETS YOUR EXPECTATIONS?

61 responses



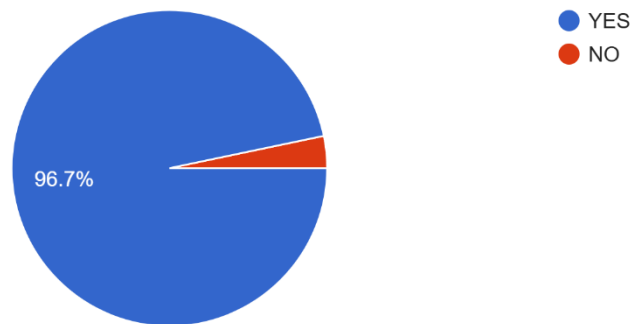
3. HOW DO YOU RATE THIS PROGRAM ?

61 responses



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

61 responses



IF ANY SUGGESTIONS

61 responses

- Ntg
- Seminar was super and it was tooo funny
- No suggestion
- Noo
- Full session was funny and entertaining and knowledgeable
- Best speech of the spirit.....
- Full session was funny and entertainment
- None
- no

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

Signature of Principal

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>

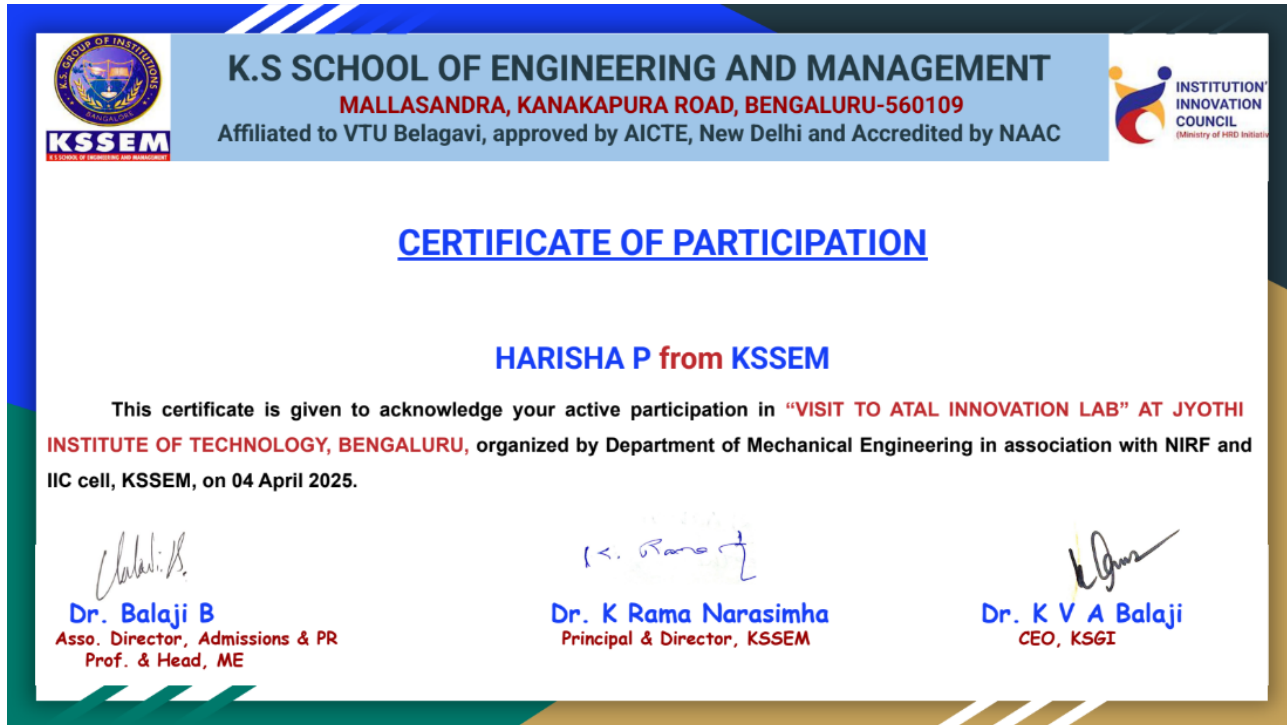
19. Harisha. P Faculty mechanical Engg KSSEM 9731280802 *H Harisha*

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

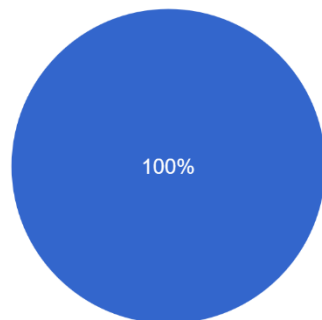
SAMPLE CERTIFICATE OF PARTICIPATION:



PARTICIPANT FEEDBACK:

1. WEATHER THIS PROGRAM IS USEFUL?

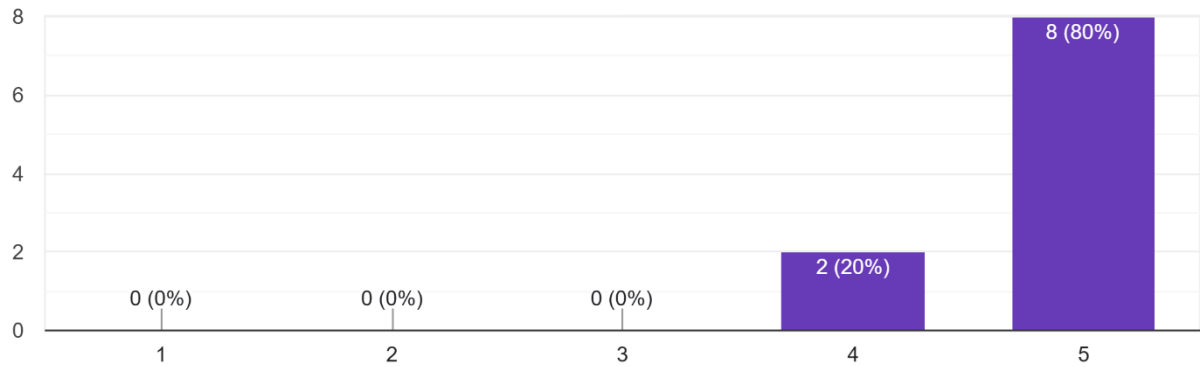
10 responses



● YES
● NO

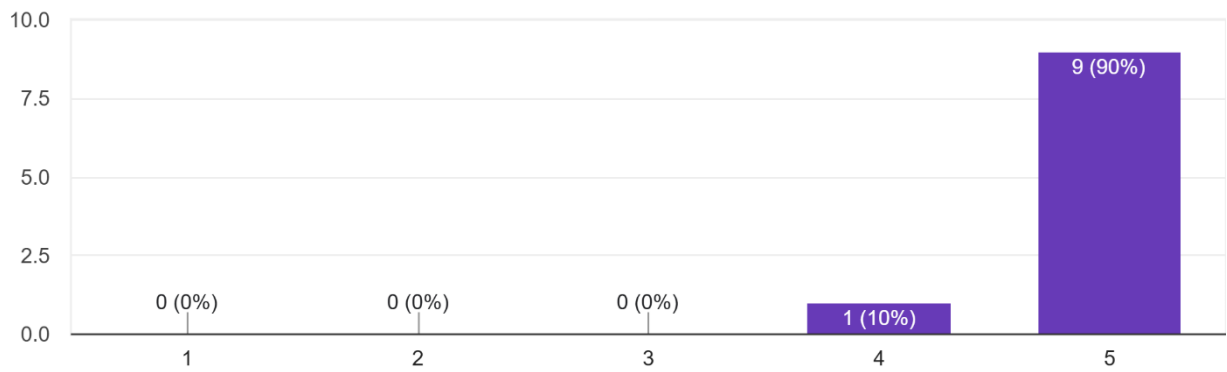
2. DID THIS PROGRAM MEETS YOUR EXPECTATIONS?

10 responses



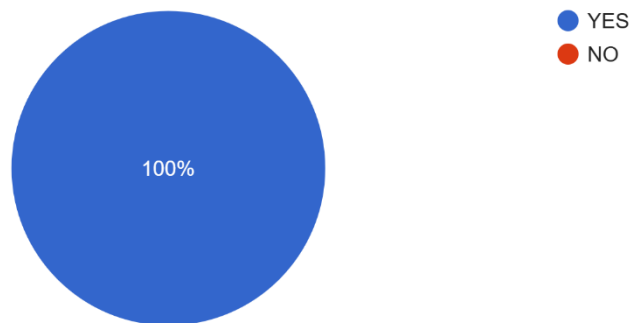
3. HOW DO YOU RATE THIS PROGRAM ?

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