KAMMAVARI SANGHAM (R) - 1952

K S INSTITUTE OF TECHNOLOGY

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#14, Raghuvanahalli, Kanakapura Road, Bengaluru - 560109

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KSIT

K S INSTITUTE OF TECHNOLOGY

25 years

KSIT

5 DAYS WORKSHOP ON "OUTCOME BASED EDUCATION"

from

3rd June to 7th June 2024

In association with

WORKSHOP REPORT

Venue: Ground floor Conference hall, KSIT

Date of workshop: 3rd June to 7th June 2024

Faculty attended: From CSE, AIML, CSD, IOT Departments

Total no of participants: 23

Department of Computer Science and Engineering under **IETE student's forum, IEEE, ISTE and IEI** in association with **IIC** (Institution Innovation Council) organized 5 days' workshop on **"OUTCOME BASED EDUCATION"** 3rd June to 7th June 2024.

Objectives:

1. **To motivate faculty to upgrade the knowledge of understanding OBE frame work**

2. **To motivate faculty to focus on course outcomes and program outcomes**

3. **To bridge the gap between curriculum and teaching learning process**

Day 1: Workshop: Enhancing Student Interaction and Engagement in Classrooms

Speaker: Dr S.R. Subramanya, President and CEO of Exskillence in San Diego, California, USA

OBJECTIVES:

1. To provide numerous ideas, techniques and strategies for keeping the students engaged in class.

2. To motivate students in facilitating effective teaching and learning processes in classrooms.

Dr. S R Subramanya started with introduction about use of smart phones and influence on social networking form students which led to tremendous changes in the behavior of college students such as frequent checking of emails, texting, checking/posting social media updates, playing games, etc. This will impact tremendous changes in the behavior of college students such as frequent checking of emails, texting, checking/posting social media updates, playing games, etc.This trend has led to real challenges in keeping the students motivated, interactive, focused, and engaged during lectures in the classrooms, and in facilitating effective teaching and learning processes.

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Outcomes:

The workshop outcomes are for the participants to:

1. Understand some of the root causes of student distractions in classrooms / during lectures

2. Exposure to techniques to increase student participation and engagement

3. Understand major factors which make lectures boring and learn techniques to avoid the pitfalls

4. Learn some techniques and strategies to make lectures more interactive, engaging and productive

5. have a forum for open discussion and articulation of ideas

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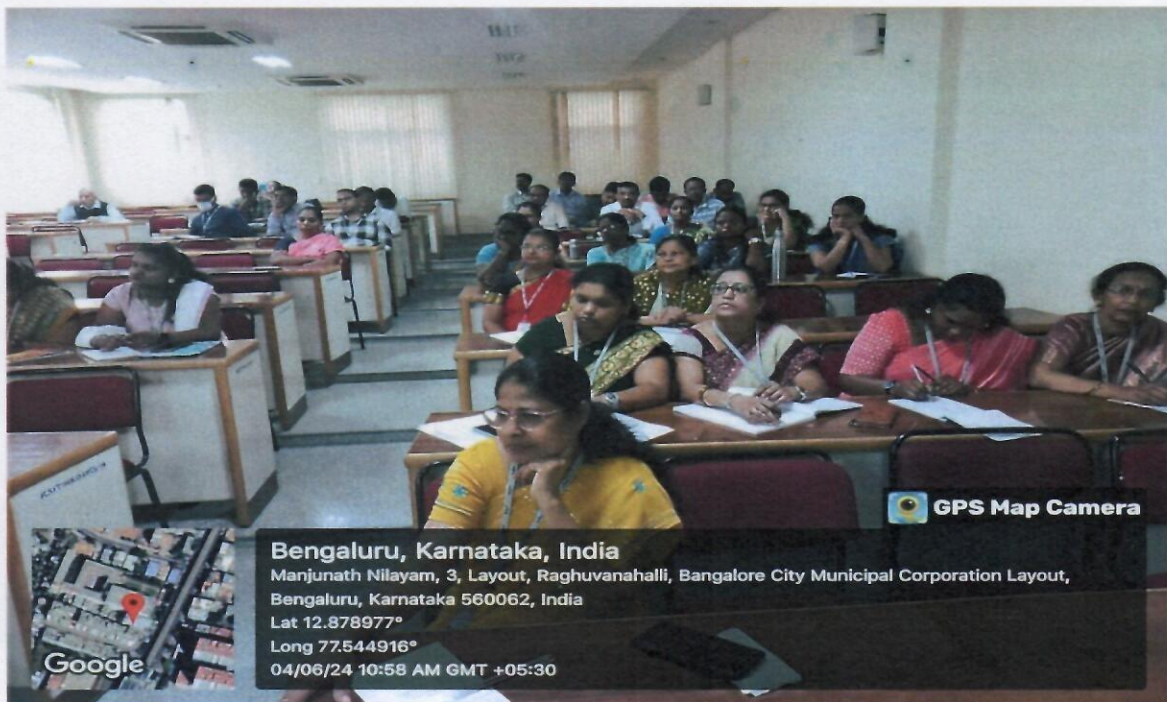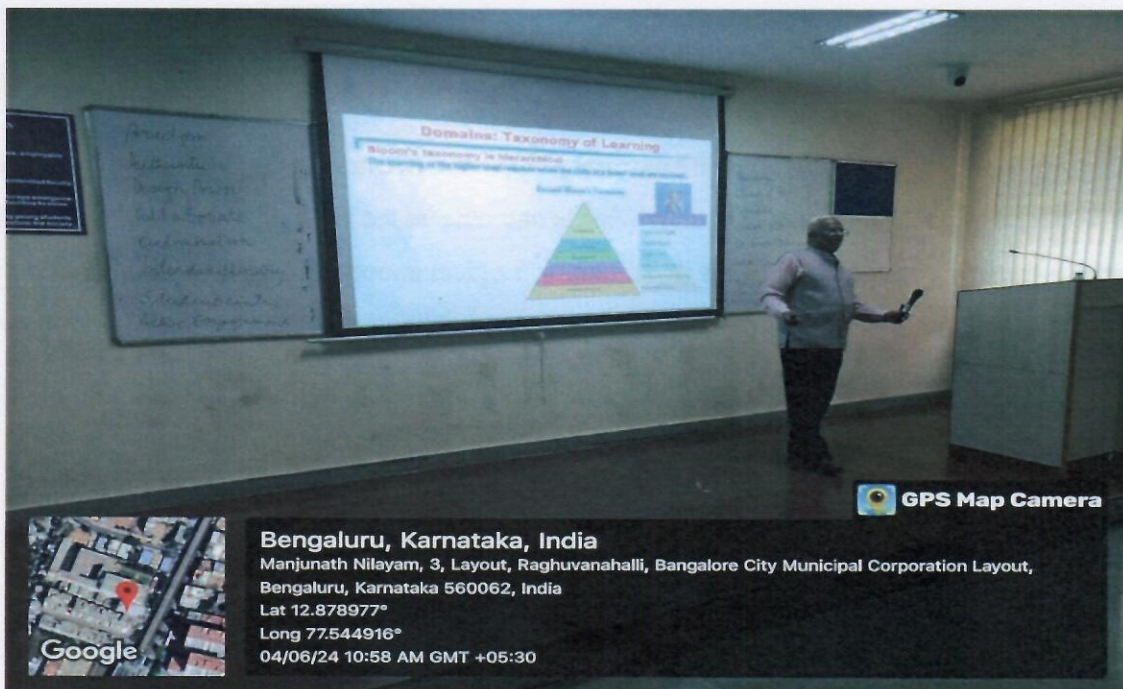03/06/24 03:10 PM GMT +05:30

Day 2 Report: 4th June 2024

Day 2 of 5 day workshop was started with the inauguration, by lighting the lamp. The chief guests for the function were Dr. V Krishnamurty and Dr. Ananthramayya. The Function was presided by Sri. Rajgopal Naidu, Sri.Leele Shankar Rao and Sri T Neerajaksulu Naidu. , Principal Dr.Dilip Kumar K and CEO Dr. K V A Balaji.

Day 2 : Session 1:

Session 1 started with by **Dr. V Krishnamurty,** Prof. and Mentor-Research, Cambridge Institute of Technology, Bengaluru. Sir explained what is outcome-based Education in detail. He explained various terminologies of OBE such as Paradigm, Logical concepts, Cognitive domains. He also gave introduction about Bloom's who is the father of Taxonomy which we follow in outcome-based education.

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Session 2: Session 2 was started with Comparison of Content based education and Outcome based education. Discussion about various assessment methods was done. To illustrate these concepts a group activity was done. There were 5 people in a team with mentors, students and auditors. This activity finally taught us about student teacher relationship.

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Day 3 Report: 5th June 2024

Resource Person: **Dr. V. Krishnamurthy**, Professor and mentor-Research-Cambridge Institute of Technology, Bangalore.

Overview:

On 5th June 2024, a comprehensive workshop was conducted on the topic of Outcome-Based Education (OBE). The session aimed to equip faculty members with essential knowledge and skills related to OBE, emphasizing its importance, implementation strategies, and practical applications within educational institutions.

Topics Covered:

1. Introduction to Outcome-Based Education:

- Definition and principles of OBE.

- Importance of defining clear learning outcomes.

2. Characteristics of Learning Outcomes:

- Specificity, measurability, achievability, relevance, and time-bound nature of learning outcomes.

3. Formulating Institute Vision and Mission Statements:

- The role of vision and mission in shaping educational outcomes.

- Alignment of OBE with institutional goals.

4. Outcome-Based Education Framework:

- Components and structure of an OBE framework.

- Steps to implement OBE in curriculum design and assessment.

5. Taxonomy of Learning:

- Understanding Bloom's Taxonomy and its relevance to defining learning outcomes.

- Levels of cognitive skills and their integration into OBE practices.

6. Outcome-Based Education Pyramid:

- Hierarchical representation of learning outcomes.

- Using the pyramid to develop curriculum and assessment strategies.

Session Details:

The workshop commenced with an opening address outlining the objectives and agenda for day. Dr. V. Krishnamurthy, an esteemed expert in educational pedagogy and OBE, led the sessions. His deep insights and practical examples enriched the understanding of participants.

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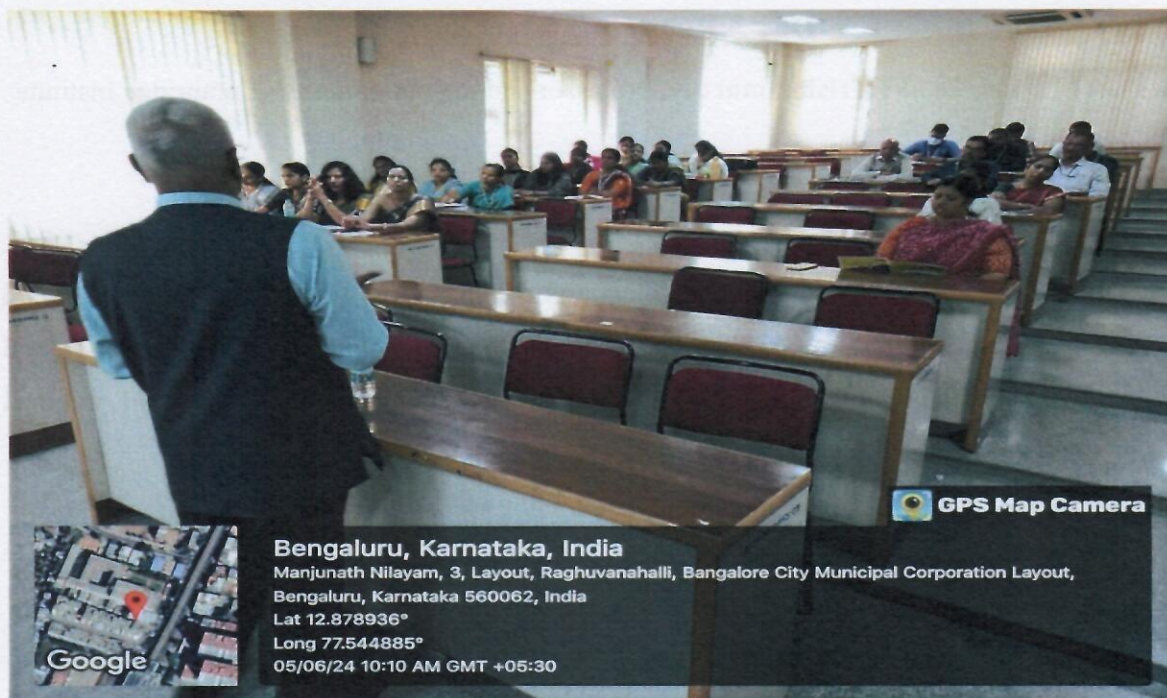
Participants engaged in interactive discussions, case studies, and hands-on exercises to apply OBE principles to their respective disciplines. The session encouraged collaborative learning among faculty members, fostering a community of practice dedicated to enhancing teaching-learning processes through OBE.

Conclusion:

The workshop on Outcome-Based Education concluded successfully, leaving participants inspired and equipped with the necessary tools to integrate OBE effectively into their teaching practices. The insights gained from Dr. V. Krishnamurthy's expertise and the interactive nature of the sessions ensured that the objectives of the program were met satisfactorily.

This workshop not only enhanced the participants' understanding of OBE but also strengthened their commitment to student-centered learning and continuous improvement in educational outcomes. The organizing committee expresses gratitude to Dr. V. Krishnamurthy and all participants for their active participation and contribution to the success of the program.

Overall, the workshop on OBE served as a catalyst for promoting excellence in education and aligning educational practices with global standards of learning and assessment.

This report provides a comprehensive overview of the workshop on Outcome-Based Education, highlighting the key topics covered, the role of the resource person, and the outcomes achieved during the session.

GPS Map Camera
Bengaluru, Karnataka, India
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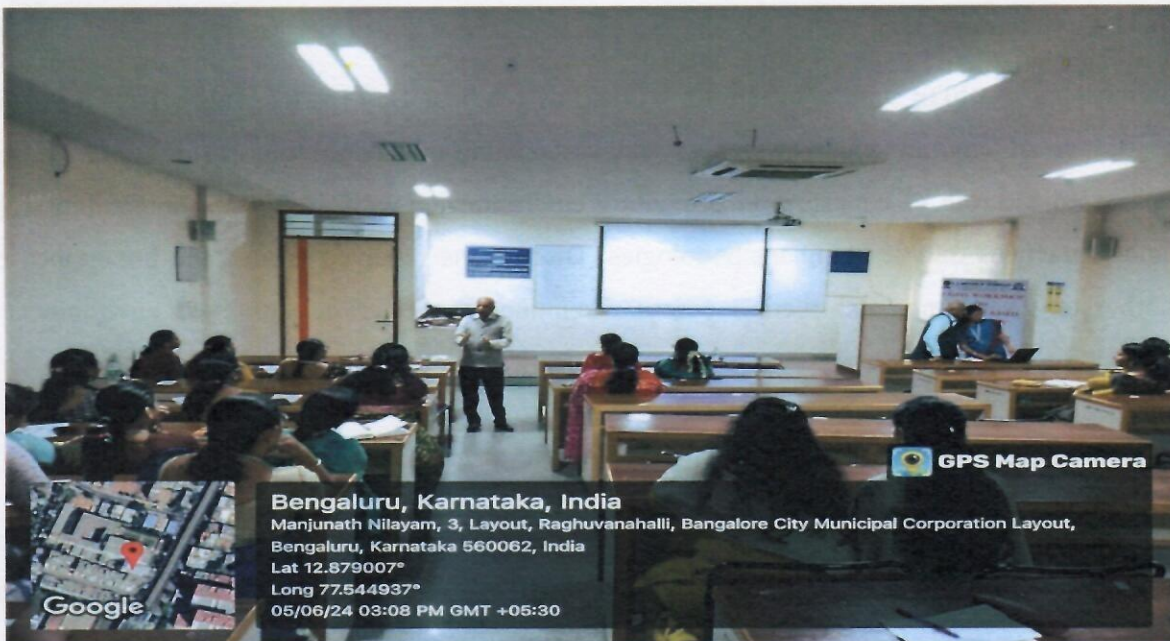
DAY 4 REPORT: 6th June 2024

Introduction:

The Faculty Development Program (FDP) conducted on 5th June 2024 served as a comprehensive platform for educators to delve into critical topics such as World Environment Day, Program Outcomes, Course Outcomes, Outcome-Based Assessment, the Journey of Ethics, and Elements of Curriculum Development. Under the guidance of Dr. V Krishna Murthy, Professor & Mentor-Research at Cambridge Institute of Technology, Bengaluru, participants engaged in enriching discussions aimed at enhancing their pedagogical skills and educational practices.

GPS Map Camera
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World Environment Day

Commencing the FDP with a tribute to World Environment Day, participants reflected on the significance of environmental awareness and sustainability in education. Dr. Krishna Murthy emphasized the role of educators in promoting environmental stewardship and integrating eco-friendly practices into teaching methodologies. Discussions revolved around the importance of incorporating environmental themes across disciplines to foster a culture of environmental responsibility among students.

Program Outcomes

Dr. Krishna Murthy led an insightful session on Program Outcomes, emphasizing the importance of defining clear, measurable, and attainable objectives aligned with institutional and industry needs. Participants explored strategies for developing program outcomes that encompassed not only academic achievements but also the holistic development of students. Dr. Krishna Murthy stressed the significance of stakeholder engagement and continuous evaluation in refining program outcomes to meet evolving educational goals.

Course Outcomes

In the session on Course Outcomes, educators were guided through the process of aligning course objectives with program outcomes to ensure coherence and relevance in the curriculum. Dr. Krishna Murthy highlighted the need for course outcomes to be specific, achievable, and student-centered, catering to diverse learner needs. Discussions centered on integrating higher-order thinking skills, interdisciplinary perspectives, and real-world applications into course outcomes to enhance student engagement and learning outcomes.

Outcome-Based Assessment:

The session on Outcome-Based Assessment (OBA) provided educators with practical insights into designing assessment methods that effectively measure student attainment of course outcomes. Dr. Krishna Murthy introduced various assessment techniques, including formative assessments, summative assessments, and authentic assessments, and stressed the importance of using assessment data to drive instructional improvements. Participants engaged in discussions on strategies for providing timely feedback to students and promoting a culture of continuous improvement.

Journey of Ethics:

Dr. Krishna Murthy facilitated an enlightening discussion on the Journey of Ethics, emphasizing the ethical responsibilities of educators in fostering integrity and respect within educational settings. Participants explored ethical dilemmas commonly encountered in teaching and strategies

for promoting ethical conduct among students. Dr. Krishna Murthy underscored the importance of modeling ethical behavior, upholding academic honesty, and cultivating a supportive learning environment that values diversity and inclusivity.

Elements of Curriculum Development

In the session on Elements of Curriculum Development, educators gained insights into the systematic process of designing, implementing, and evaluating curricula. Dr. Krishna Murthy guided participants through the identification of learner needs, establishment of clear learning objectives, selection of instructional strategies, and development of assessment methods aligned with course outcomes. Discussions also revolved around integrating emerging trends in education and fostering innovation to meet the needs of 21st-century learners.

Conclusion

The Faculty Development Program conducted on 5th June 2024, under the mentorship of Dr. V Krishna Murthy, provided educators with a valuable opportunity to deepen their understanding of essential topics in education and pedagogy. Through engaging discussions, interactive workshops, and collaborative activities, participants gained insights into program outcomes, course outcomes, outcome-based assessment, the journey of ethics, and elements of curriculum development. It is imperative for educators to apply the knowledge and strategies acquired from the FDP to enhance their teaching practices and contribute to the advancement of education.

Introduction

Mr.Anatha Ramaiah was the resource person for the Faculty Development Program (FDP) on 6th June 2024. The program was named as 'Good to Great'. This program provided an opportunity to learn the life skills and also how to adopt the good practices in day to day living so that one can reduce the stress and be successful in professional and personal life. The program was started by chanting prayer together from all the participants.

'Take me from UNTRUTH to TRUTH Take me from Darkness (of IGNORANCE to BRIGHNESS (of KNOWLEDGE) Take me away from DEATH to ETERNITY
Let there be peace everywhere

After chanting the prayer the session started by stressing the importance for an individual to have goals in their life. The goals are the dreams one should have and also time schedule for achieving the goals is very important. He also said for a person to be successful one should become 'Good to Great'. To achieve this lot of hurdles one has to face but should be determined to achieve the dreams.
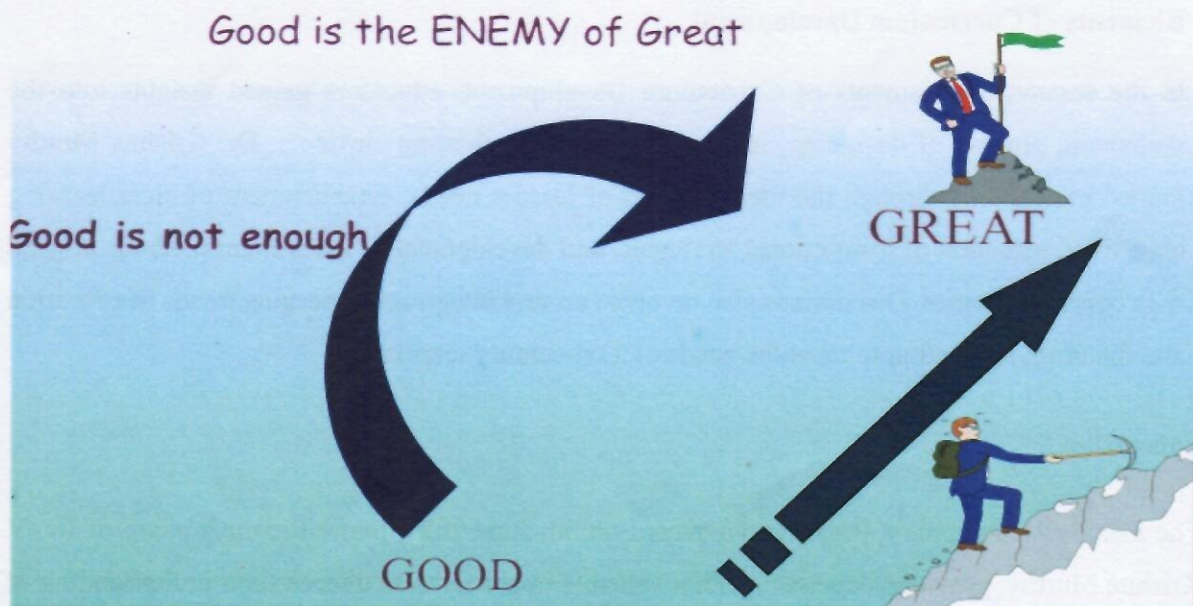
The important life skill is one should is to have the various dreams. All the dreams can't be taken up at same the time. After listing the various dreams he stressed it is important for   one to achieve it according to the priority.

In the next session three topics were discussed they are Accountability, work ethics and discipline and working as a winning team. He said in the work one has to adopt the

accountability. The accountability demands the responsibility. The responsibility will create the ownership in the work and will make one to be proactive in his work. The accountability increases the efficiency in the work. If someone is working with Accountability will not pass the blame on the others if there is any failure.

The work should be carried out with professional ethics. The professional journey believes in basics of theory and commitment. He said the ethics will result in the following characters Intellectual, Autonomous, Aims at social well being, certified and bound with enriched ethics.

Conclusion

The 5 days workshop conducted from 27th May and 3rd June to 6th June 2024 under the mentorship of Mr.Anatha Ramaiah, give in sight to the participants what are the good practices to be inculcated in the professional and personal life so that one can achieve the success.

Finally we would like to thank **Management, CEO Dr. Balaji and Principal Dr.Dilip Kumar K**, **KSIT** for arranging this 5 days workshop for the faculties to upgrade knowledge in Outcome based education for the benefit of students.

Faculty coordinators

HOD CSE
Head of the Department
Dept. of Computer Science & Engg
K.S. Institute of Technology
Bengaluru -560 109

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

1. Mr. Krishna Gudi

2. Mr. Laxmikantha K

3. Mr. Abhilash L Bhat

DAY-1

1.The Program was well placed within the allotted time
23 responses
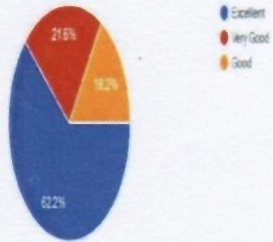
- Excellent
- Very Good
- Good

21.6%
16.2%
62.2%

2.The Speaker was a good communicator
23 responses

- Excellent
- Very Good
- Good

8.1%
18.9%
73%

3.The Information was presented in an organised manner
23 responses

- Excellent
- Very Good
- Good

16.2%
18.9%
64.9%

4. The Speaker was knowledgeable on the topic
23 responses

- Excellent
- Very Good
- Good

13.5%
16.2%
70.3%
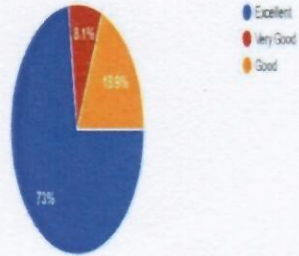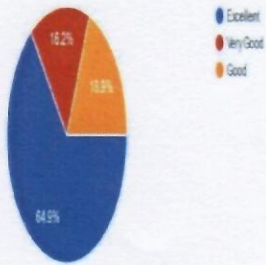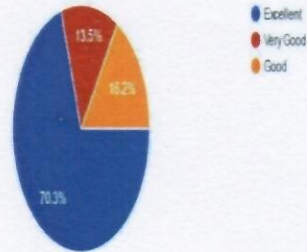
5. Relevance of the session in guiding you to Enhance the students interaction and Engagement in classrooms
23 responses
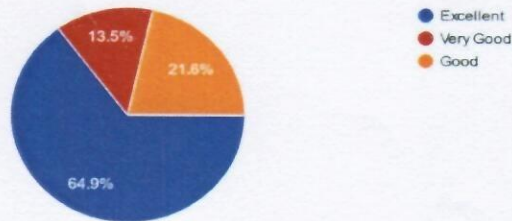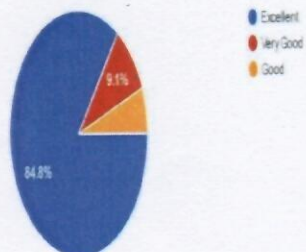
- Excellent
- Very Good
- Good

13.5%
21.6%
64.9%

DAY - 2

1.The Program was well placed within the allotted time

23 responses

- Excellent
- Very Good
- Good

9.1%

84.8%

2.The Speaker was a good communicator

23 responses

- Excellent
- Very Good
- Good

93.9%

3.The Information was presented in an organised manner

23 responses

- Excellent
- Very Good
- Good

90.9%

4. The Speaker was knowledgeable on the topic

23 responses

- Excellent
- Very Good
- Good

93.9%
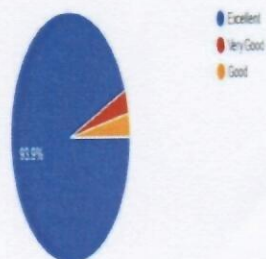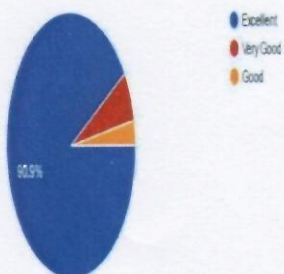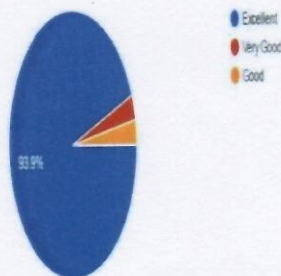
5. Impactfulness of the session on 'outcome based education' in explaining the taxonomy of learning and contrasting it with traditional methods of education

23 responses

- Excellent
- Very Good
- Good

9.1%

87.9%
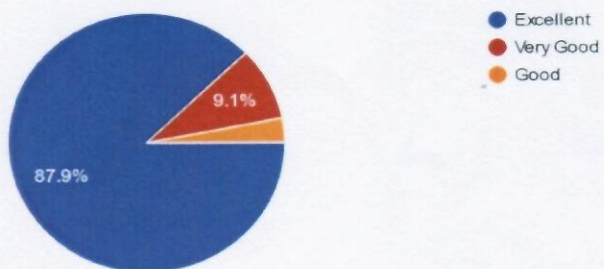
DAY - 3

1.The Program was well placed within the allotted time
responses

- Excellent
- Very Good
- Good

22.5%

75%
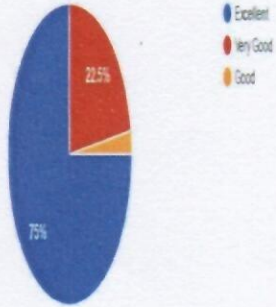
2.The Speaker was a good communicator
responses

- Excellent
- Very Good
- Good

12.5%

82.5%
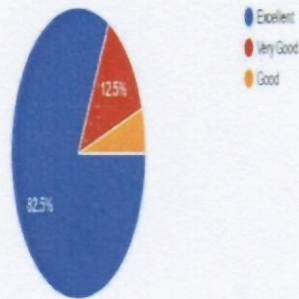
3.The Information was presented in an organised manner
responses

- Excellent
- Very Good
- Good

10%

85%
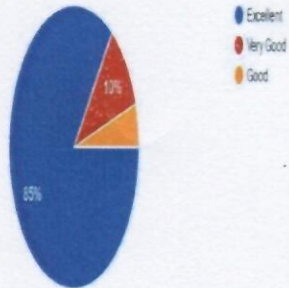
4. The Speaker was knowledgeable on the topic
responses

- Excellent
- Very Good
- Good

10%

87.5%
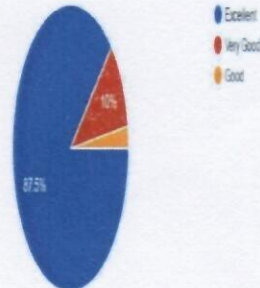
5. Pertinence of the session in discussing Program outcomes and Course outcomes in alignment with the Program educational objectives, in additi...e Course outcomes against the Graduate attributes
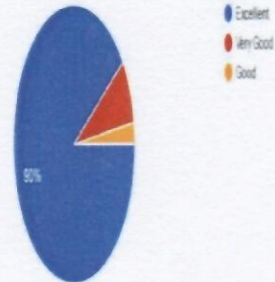responses
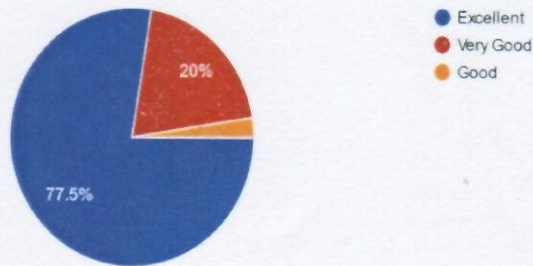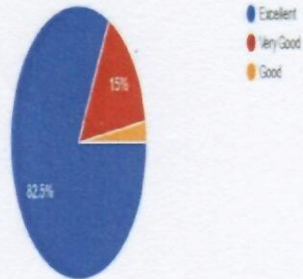
- Excellent
- Very Good
- Good

20%

77.5%

DAY - 4

1. The Program was well placed within the allotted time
23 responses

- Excellent
- Very Good
- Good

15%
82.5%

2. The Speaker was a good communicator
23 responses

- Excellent
- Very Good
- Good

90%

3. The Information was presented in an organised manner
23 responses

- Excellent
- Very Good
- Good

15%
82.5%

4. The Speaker was knowledgeable on the topic
23 responses

- Excellent
- Very Good
- Good

92.5%
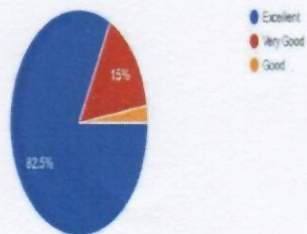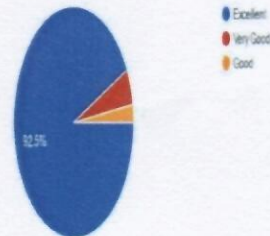
5. Congruence of the lecture with the science of teaching that involves building the curriculum, training the students and appraising them
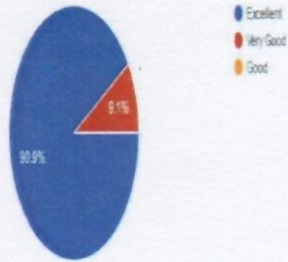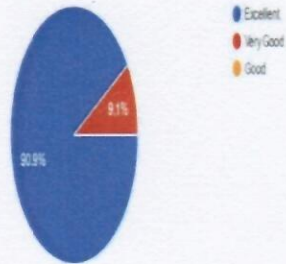23 responses
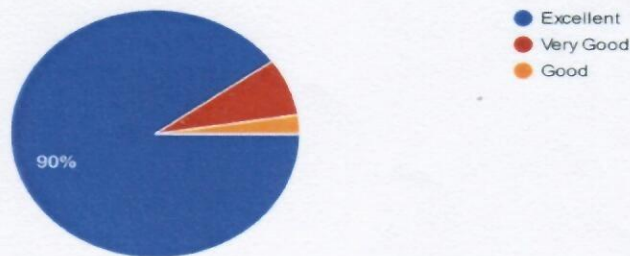
- Excellent
- Very Good
- Good

90%

DAY-5

1. The Program was well placed within the allotted time

23 responses

- Excellent
- Very Good
- Good

9.1%

90.9%

2. The Speaker was a good communicator

23 responses

- Excellent
- Very Good
- Good

9.1%

90.9%

3. The Information was presented in an organised manner

23 responses

- Excellent
- Very Good
- Good

93.9%

4. The Speaker was knowledgeable on the topic

23 responses

- Excellent
- Very Good
- Good

93.9%
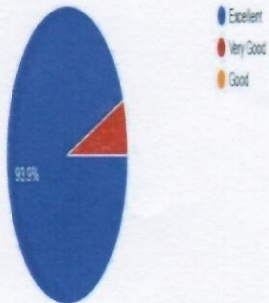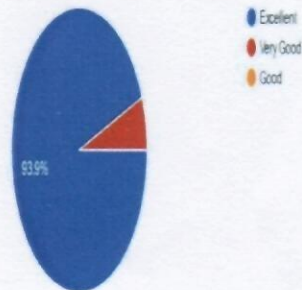
5. Coherence of the talk with respect to owning accountability in life, gauging life priorities and achieving success

23 responses
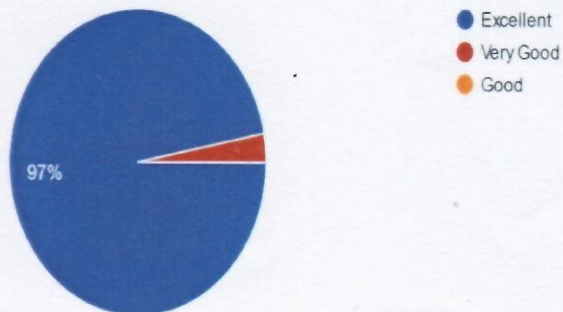
- Excellent
- Very Good
- Good

97%

K.S INSTITUTE OF TECHNOLOGY
Department of Computer Science & Engineering
5 Days workshop on Outcome Based Education
Participants List

S.No	Name	Designation	Department
1	Mr.Somasekhar T	Associate Professor	CSE, KSIT
2	Mr.Prashanth H S	Assistant professor	CSE, KSIT
3	Mr.Krishna Gudi	Associate Professor	CSE, KSIT
4	Mrs.Pallavi k N	Assistant professor	CSE, KSIT
5	Mrs.Kavya M S	Assistant professor	CSE, KSIT
6	Mr. Abhilash L Bhat	Assistant professor	CSE, KSIT
7	Mrs. Shruthi T S	Assistant professor	CSE, KSIT
8	Mrs. Suma A R	Assistant professor	CSE, KSIT
9	Mrs. Roopashree S V	Assistant professor	CSE, KSIT
10	Mr.Laxmikantha K	Assistant professor	CSE, KSIT
11	Mrs Swapna Subhash Banasode	Assistant professor	CSE, KSIT
12	Namyapriya D	Assistant professor	CSE, KSIT
13	Mrs.Rajashree M Byalal	Assistant Professor	ICB,KSIT
14	Ms. Rachana V Murthy	Assistant Professor	ICB,KSIT
15	Mrs. Shashikala H C	Assistant Professor	CCE,KSIT
16	Mrs. Nagajyothi T	Assistant Professor	CCE,KSIT
17	Sathyasheela	Assistant professor	CSD,KSIT
18	Ammu bhuvana	Assistant professor	CSD,KSIT
19	Wasim	Assistant professor	CSD,KSIT
20	Renuka Patil	Assistant professor	AIML,KSIT
21	Poornima H N	Assistant professor	AIML,KSIT
22	Preetha Kamath	Assistant professor	AIML,KSIT
23	Sudha M	Assistant professor	AIML,KSIT

K.S INSTITUTE OF TECHNOLOGY
Department of Computer Science & Engineering
5 Days workshop on Outcome Based Education
Attendance List

S.No	Name	Department	03-06-2024	03-06-2024	04-06-2024	04-06-2024	05-06-2024	05-06-2024	06-06-2024	06-06-2024	07-06-2024	07-06-2024
1	Mr.Somasekhar T	CSE, KSIT										
2	Mr.Prashanth H S	CSE, KSIT										
3	Mr.Krishna Gudi	CSE, KSIT										
4	Mrs.Pallavi k N	CSE, KSIT										
5	Mrs.Kavya M S	CSE, KSIT										
6	Mr. Abhilash L Bhat	CSE, KSIT										
7	Mrs. Shruthi T S	CSE, KSIT										
8	Mrs. Suma A R	CSE, KSIT										
9	Mrs. Roopashree S V	CSE, KSIT										
10	Mr.Laxmikantha K	CSE, KSIT										
11	Mrs Swapna Subhash Banasode	CSE, KSIT										
12	Namyapriya D	CSE, KSIT										
13	Mrs.Rajashree M Byalai	ICB,KSIT										
14	Ms. Rachana V Murthy	ICB,KSIT										
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