

**A
REPORT ON INDUCTION PROGRAM**

**For
First Semester B. E. Students**

Physics Group



**HELD
From 18th To 27th September 2024**

ORGANIZED

BY

DEPARTMENT OF PHYSICS

&

DEPARTMENT OF ECE

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

#15, Near Vajarahalli, Mallasandra,

Kanakapura Road, Bengaluru-560109

Report on Induction Program
For
First Year B. E. Students (Physics Group)
Organized by
Department of Physics and Department of ECE
From 18-09-2024 to 27-09-2024
Academic Year: 2024-2025

TITLE OF THE PROGRAM: First Year Induction Program

BRIEF SUMMARY OF PROGRAM: The student induction program is designed to welcome new students to the institution before regular classes begin. During this program, students are introduced to institutional processes, practices, culture, and values, helping them acclimate to their new environment. They also gain familiarization with their respective branches or streams, ensuring they understand the academic expectations and resources available to them. The program includes empowering talk on Universal Human Values, importance of Physical health, essential skills like time management, confidence boosting discussions, communication, carrier orientation, Katalyst Women Empowerment and team building are also part of the program to ensure a well-rounded students experience. This comprehensive orientation aims to ease the transition into college life and foster a sense of community among students.

OBJECTIVES OF THE PROGRAM:

The purpose of the student induction program is to

- Help newly admitted students to adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them in build bonds with other students.
- To develop a sense of aesthetics and enhance creativity among students.
- To inculcate effective communication skills, team work skills, multi-disciplinary approach, and develop a desire to apply knowledge of engineering for the real-life problems.
- To sensitize students towards environmental issues and to develop an attitude to protect and conserve environment among students.

INTRODUCTION:

The induction program for the first year admitted students for the academic year 2024-25 was conducted from 18-9-2024 to 27-9-2024. Various events, talk from eminent personalities were organized throughout this program. The department planned to conduct the induction training program by inviting various notable personalities, academic and industry professionals from the premier institutes and organizations and involving select faculty members of the institute as resource persons.

As induction team, we are happy to state that the induction training program became a successful initiative by support and guidance of the Principal- Dr. K Rama Narasimha, HODs of all departments and entire teaching and supporting staff of the department. A total of 250 students participated in this program which was conducted on 18th September to 29th September 2024. Faculty and student volunteers from across programs worked extensively to ensure that the induction was well organized.

The following report includes the schedule and brief notes on the various events conducted as part of the induction program.

Day 1: 18-09-2024

Session: 01

Speaker: Dr. Harish, Training and Placement Officer

Topic: Career Orientation

Dr. Harish, the Training and Placement Officer, delivered an insightful talk to students about upcoming placement drives. He emphasized the significance of soft skills in securing placements, highlighting that effective communication and personal grooming are crucial for making a positive impression on potential employers. Additionally, he provided an overview of the companies that visit the campus and the specific requirements they look for in candidates. His guidance will be invaluable as students prepare for their job search.



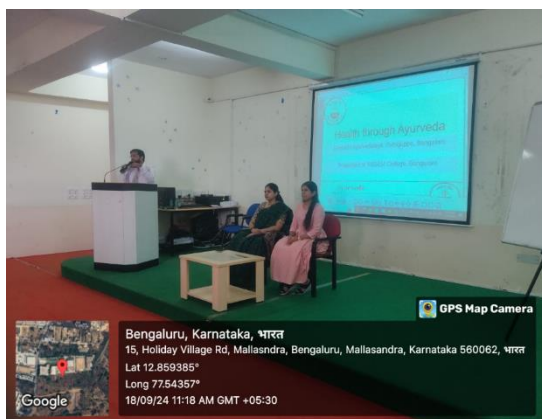
Day 1: 18-09-2024

Session: 02

Speaker: Dr. Amulya Kannan and Dr. Archana M

Topic: Health through Ayurveda

Dr. Amulya Kannan, Sannidhi Ayurvedalaya, addressed the students about different aspects of Ayurveda, which was very informative to the present generation. Ayurveda is an ancient Indian system of medicine that emphasizes balance in the body's energies, or doshas: Vata, Pitta, and Kapha. It promotes overall health through a holistic approach, integrating diet, lifestyle, herbal remedies, and mental well-being. Key principles include individualized treatments based on one's constitution, the importance of digestion, and seasonal adjustments. Ayurveda also stresses the significance of preventative care, aiming to maintain harmony within the body and with nature, ultimately guiding individuals toward optimal health. Ayurveda, the ancient Indian system of medicine, emphasizes holistic health by balancing the body, mind, and spirit. It is rooted in the belief that each individual is unique and that health is achieved by maintaining harmony within oneself and with the environment.



Day 1: 18.09.2024

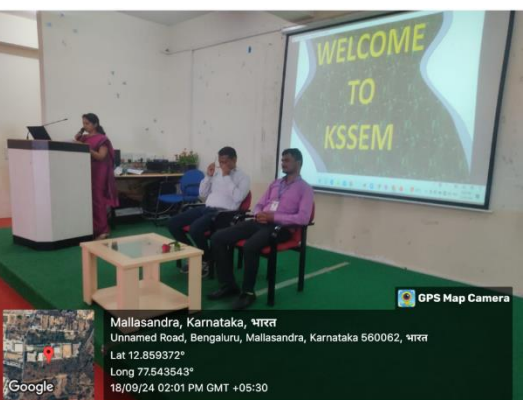
Session:03

Resource person: Prof. Manohar Kumar K.N. and Prof. Shivaprakash

Topic: Sports/NSS

Mr. Manohar Kumar presented valuable information about the National Service Scheme (NSS) and its significance in fostering social responsibility among students. He highlighted the impactful contributions made by seniors from our college, such as organizing blood donation camps and providing food and supplies to those in need. His talk inspired students to engage in community service and appreciate the positive difference they can make through NSS activities.

Prof. Shivaprakash, the Physical Education Director, spoke about the impressive achievements of seniors in various sports and their representation at the national level. He highlighted their dedication and hard work, showcasing how their accomplishments reflect the college's commitment to fostering athletic talent. This presentation not only celebrated their successes but also motivated current students to pursue excellence in sports.



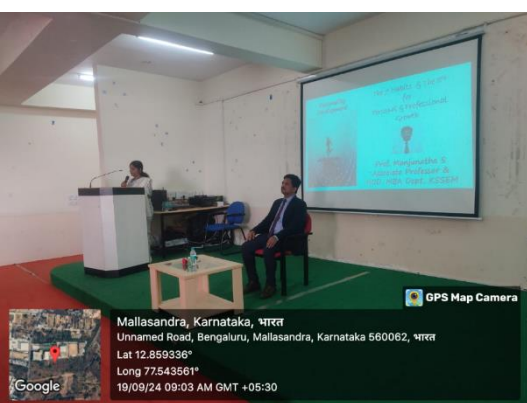
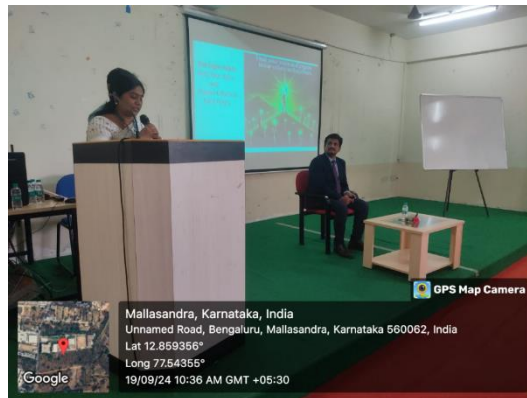
Day 2: 19-09-2024

Session: 01

Speaker: Prof. Manjunath, Hod, MBA

Topic: 7 Habits for Success

Prof. Manjunath, HoD, MBA, shared the "7 Habits for Success" which provided valuable insights for the students. His explanation illuminated key principles that can help them achieve their goals and foster personal growth. The session inspired students to adopt these habits in their lives, encouraging a proactive approach to success.



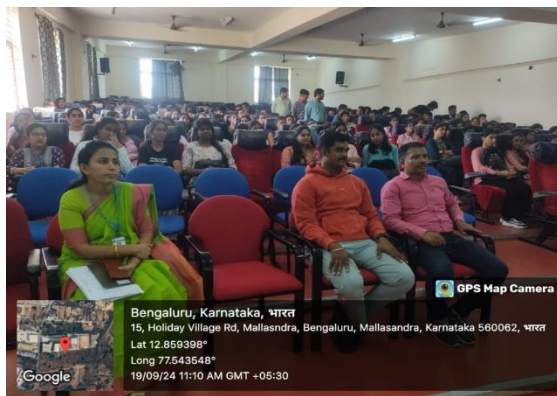
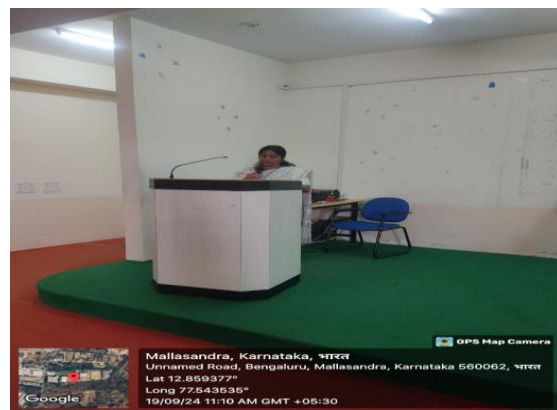
Day 2: 19.09.2024

Session:02

Resource person: Prof. Sharavanan R

Topic: Fitness for Health

Prof. Sharavanan emphasized the importance of incorporating yoga into daily life, highlighting its numerous benefits for both physical and mental well-being. He conducted a practical yoga session that students thoroughly enjoyed, allowing them to experience the practice firsthand. The session not only enhanced their understanding of yoga but also encouraged them to make it a regular part of their routine.



Day 2: 19-09-2024

Session: 03

Speaker: Dr.Kokila Kulkarni

Topic: Importance of Physical Health

Dr. Kokila Kulkarni discussed the unique blend of Ayurvedic medicine and yoga, emphasizing a holistic approach to wellness. He highlighted the importance of integrating traditional Ayurvedic healing practices with modern strengths, promoting a balanced mindset and overall well-being. This combination aims to enhance physical health while fostering mental and emotional resilience.



Day 3: 20.09.2024

Topic: Visit to Art of living

The Art of Living Foundation has a large Ashram located on Kanakapura Road on the outskirts of Bangalore. We recently paid a visit to this Ashram founded by Sri Sri Ravi Shankar. We had visited during Navratri, which is the busiest time of the year at the Ashram. Thousands of people were participating in the various programs being held there at this time of the year. The entire place had a festive, busy feel to it.

We visited the Gaushala which has nearly 1,000 heads of cattle, all belonging to one of the 37 native breeds of cow in India. The vast majority belonged to the Gir variety, with beautiful brown coats and long, drooping ears. A quick online search revealed that this breed produces the highest yield of milk of all the breeds in India. They are also widespread in Brazil! There was a nice, pleasant atmosphere in the Gaushala, surrounded by these peaceful bovines.

We then continued our visit by taking in the small shiva linga temple in the Ashram complex, visiting the lake area adjacent to which is a small pen containing a few Chital (Spotted) Deer, Rabbits, a couple of Turkeys and a few peafowl.

We then took in the Vishalakshi Mantapa. We could only view this beautiful multi-tiered meditation hall from the outside as there was a programme being held inside. Situated on top of a small hill, the walk offered beautiful views of the surrounding countryside.



The visit of ART OF LIVING, is organized in the nature about meditation (Sudarshana Kriya, Pranayama), stress, and lifestyle problems. It was a pleasing session, students are learned a lot about the importance of nature and there is nothing more magnificent than NATURE.

We started our visit by having lunch at Vishala cafe. The food was delicious and plentiful.

We took in the book shop and other shops located within the Ashram before heading back home.

I found the visit very refreshing, coming back with an increased sense of calm.



Day 4: 23.09.2024

Session: 01

Resource person: Dr. Ambika, HoD -Librarian

Topic: Insight on Library Resources

Dr. Ambika, the Head of the Library, provided a detailed overview of the process for borrowing books from the library. She also introduced students to the options available for accessing books online, emphasizing the convenience of digital resources. Her guidance aimed to encourage students to make the most of the library's offerings, both in-person and online, to enhance their learning experience



Day 4: 23.09.2024

session: 02

Resource person: Prof. Murali Ghatti, K.S School of Architecture

Topic: Art and Craft Skill

Mr. Murali Ghatti led an engaging session on the importance of art and craft in developing strong engineering designers. He highlighted how creativity plays a crucial role in design thinking. To illustrate this, he introduced the book "Rupi Kaur" and shared a poem, prompting students to express their interpretations through drawing. This activity encouraged students to explore their creative potential and deepened their understanding of the connection between art and engineering design, leaving them inspired and enlightened.



Day 4: 23.09.2024

session: 03

Resource person: Dr. Padmakshi Lokesh, a clinical Psychologist and Motivational speaker

Topic: Mental Health Awareness

As part of the Induction Program for first-year engineering students, a motivational talk titled "Mental Health Awareness" was held on September 23, 2024. Dr. Padmakshi Lokesh, a clinical psychologist and motivational speaker, led the session, emphasizing the critical importance of mental health in our lives. She discussed various aspects of mental well-being, providing valuable insights and practical tips to help students prioritize their mental health. The session aimed to raise awareness and encourage open discussions about mental wellness, equipping students with the tools to navigate challenges effectively.



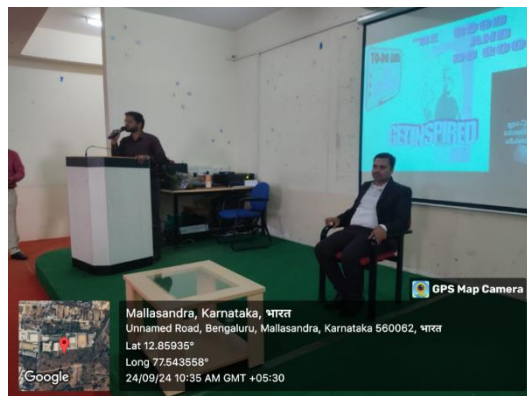
Day 5: 24.09.2024

session: 01

Resource person: Prof. Sridhar, Surana PG Studies- MBA Department.

Topic: Universal Human Values

In this session, Prof. Shridhar emphasized the importance of human values such as kindness, humanity, patience, and helping those in need. He showcased a video clip that illustrated these values, reinforcing their significance in everyday life. The session aimed to inspire students to prioritize ethics and values, reminding them that true success is rooted in compassion and integrity. This message encouraged students to carry these principles with them as they pursue their goals.



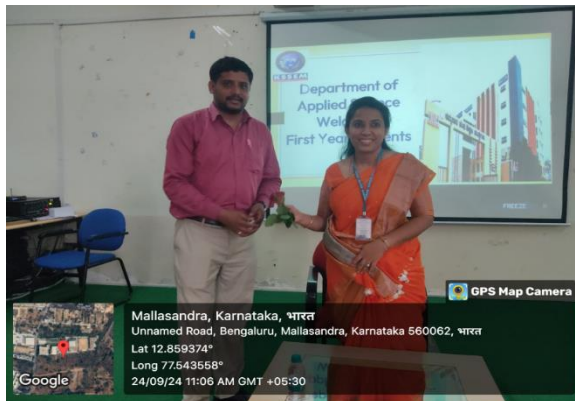
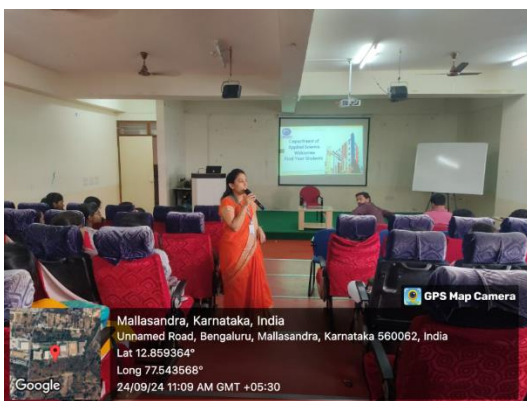
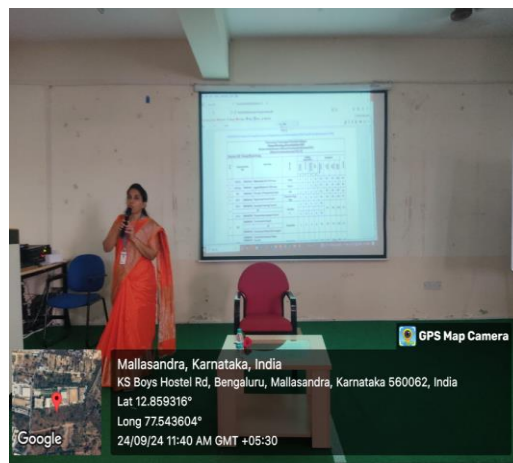
Day 5: 24.09.2024

Session: 02

Resource person: Prof. Pavithra J, HoD, Department of Physics

Topic: Insight on VTU 2022 Scheme

In this session, Prof. Pavithra, Head of the Department of Physics, provided first-year students with a comprehensive overview of the VTU syllabus and examination scheme. She detailed the exam pattern, helping students understand what to expect in their assessments. Additionally, she shared insights into the Vision and Mission of the Applied Science Department, highlighting various academic activities designed to foster overall student development. Prof. Pavithra's guidance aimed to equip students with the knowledge and resources they need to succeed in their academic journey.



Day 5: 24.09.2024

Session: 03

Resource person: Dr. K Rama Narasimha, Principal/Director, KSSEM

Topic: Orientation for 1st year BE students

Dr. Rama Narasimha, the Principal/ Director, addressed students about the importance of discipline and the rules and regulations to be followed on campus. He highlighted the three main pillars of the institution's management and elaborated on the various campus facilities, labs, academic programs, events, and the achievements of the college. Dr. Rama Narasimha encouraged students to build positive relationships with faculty members, emphasizing that such connections can lead to a fruitful and rewarding four years at the college. His insights aimed to instill a sense of responsibility and pride in the students as they embark on their academic journey.



Day 6: 25.09.2024

session: 01

Resource person: Prof. Chidananda/ Prof. Keerthi A

Topic: Art and its impact on career

Prof. Chidananda showcased his remarkable talent in classical music, illustrating how music is closely linked to concentration, patience, and teamwork.

He collaborated with Prof. Keerthi to deliver a beautiful performance, demonstrating the power of teamwork and how it can achieve extraordinary results. Their presentation not only entertained but also emphasized the importance of collaboration and discipline in both music and life.



Day 6: 25.09.2024

session: 02

Resource person: Dr. Shekhar H S, Principal at RNS First Grade College, Autonomous.

Topic: Individual Social responsibility

Dr. Shekhar H.S, discussed the importance of responsibility in society, emphasizing the need to be kind and considerate towards others. He effectively used visual aids to illustrate his points, making the concepts more relatable and engaging. His presentation encouraged students to understand their role in fostering a positive community, highlighting that kindness and responsibility are essential for creating a supportive and harmonious society.



Day 6: 25.09.2024

Session: 03

Resource person: Mr. Hanumanth Reddy G N, Software Specialist Engineer

Topic: Engineering the Future: Developing the Engineering role

Mr. Hanumanth Reddy, delivered a thought-provoking session titled "Engineering the Future: Developing the Engineering Role." He discussed the evolving landscape of engineering and the critical role engineers play in addressing contemporary challenges. The talk covered the importance of innovation, sustainability, and ethical practices in engineering. By exploring future trends and the responsibilities of engineers, he inspired students to think creatively and take an active role in shaping a better future through their work.



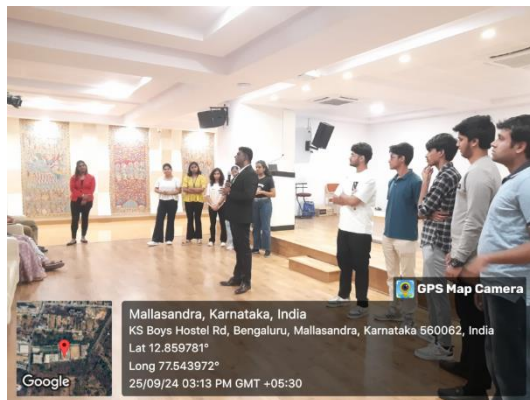
Day 6: 25.09.2024

Session: 04

Resource person: Dr. Karthikeyan B.S.

Topic: Overseas education and global opportunities with soft skill

The speaker has enlightened students about the profound impact of overseas education and the global opportunities it presents, emphasizing the importance of soft skills. By highlighting how soft skills such as communication, adaptability, and cultural awareness are essential in seizing these opportunities, the speaker has inspired students to consider the broader benefits of international education beyond academic achievements. This holistic approach equips students with the tools needed to succeed in a globalized world, fostering personal growth and enhancing their future career prospects.



Day 7: 26.09.2024

Session: 02

Topic: Student Club Activities

Organized by: The Rotaract Club of KSSEM

The Rotaract Club of KSSEM successfully conducted a two-day orientation program for the first-year students as part of their induction. The event aimed to introduce the students to the core values, vision, and mission of the Rotaract Club while encouraging them to actively participate in various club activities throughout their college journey. The Board of Directors of the club, along with other office bearers, played an integral role in organizing and leading the program.

Key Highlights of the Program:

1. Introduction to Rotaract:

- The session began with an overview of the global history and impact of Rotaract, emphasizing how it empowers young individuals to make a difference in their communities.
- The Board members explained the numerous benefits students can gain by becoming members, including: Development of leadership skills through various club roles and responsibilities.
- Opportunities to engage in community service projects, enhancing their social awareness and impact.
- Participation in non-curricular activities such as workshops, seminars, and cultural events, contributing to their personal and professional growth. Building lifelong friendships and networking opportunities with like-minded individuals, both locally and globally.



2. Presentations and Activities:

- A comprehensive PowerPoint presentation highlighted the club's vision and the strategic goals for the year 2024-25, encouraging new members to align their efforts with the club's mission.
- The session also included a video presentation showcasing the club's activities and achievements from the previous year (2023-24), illustrating the club's dynamic and engaging environment.
- To introduce the theme for the year 2024-25, the club presented a specially crafted video that encapsulated the club's goals, aspirations, and the focus areas for the new term, inspiring students to get involved and contribute.
- The Board introduced all the official office bearers for the year 2024-25, providing an opportunity for first-year students to connect with the leaders they will be working with throughout the year.

3. Interactive Sessions and Team Building Games:

- To create an inclusive and collaborative atmosphere, several team-building games and activities were conducted. These interactive sessions were designed to help students develop essential skills like communication, problem-solving, and teamwork, while also fostering a sense of belonging within the club.



Conclusion

The two-day orientation program was a great success, providing the first-year students with a comprehensive understanding of the Rotaract Club and encouraging them to actively engage with the club's activities. The event not only served as an induction but also as a platform to connect and build relationships among the students. The club is optimistic about seeing enthusiastic participation from the new members and looks forward to a productive year ahead.

Day 7: 26.09.2024

Session: 03

Resource person: Tejal Ranadive

Topic: Katalyst-Women empowerment

Tejal Ranadive delivered a powerful session, addressing the challenges faced by women in the workforce and highlighting how their program supports students in building a brighter future. Her talk centred on communication skills, creative thinking, and emotional intelligence.

Katalyst is a non-profit program under third Sector Partners, dedicated to helping talented young women succeed in challenging educational and professional environments through structured mentoring, personality development, and financial support. About 100 first-year BE girl students from KSSEM attended this program, which focuses on enhancing employability through skill development, mentorship, internship opportunities, and corporate exposure.

Tejal Ranadive and team highlighted that Katalyst's goal is to drive the continuous upliftment and transformation of young women from low-income communities, enabling them to become change-makers in their professional and personal lives. Her goal is to continue driving innovation in education, and mentorship, ensuring a brighter future for the next generation of women leaders. The Katalyst team also emphasized their mission to empower these young girls into becoming leaders.



Day 8: 27.09.2024

Session: 01

Resource person: Dr.Kokila Kulakarni

Topic: Importance of Meditation.

Dr. Kokila Kulakarni has enlightened our students about the benefits of meditation, highlighting its positive impact on mental well-being and focus. By introducing various meditation techniques, they've encouraged students to incorporate mindfulness into their daily routines. This practice not only helps reduce stress but also enhances emotional resilience, promotes clarity of thought, and improves overall academic performance. The session has inspired students to explore meditation as a valuable tool for personal growth and self-care.



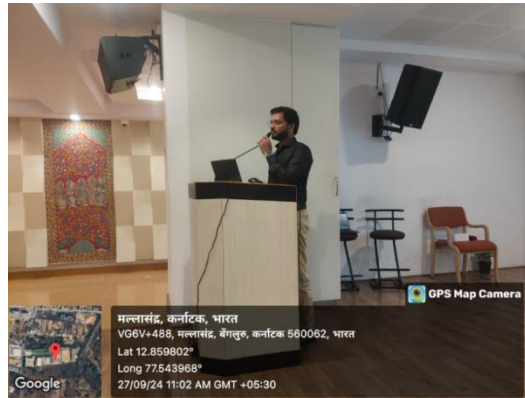
Day 8: 27.09.2024

session: 02

Speaker: Prof. Sasindran Prabhu

Topic: Universal Human Values

Prof. Sasindran Prabhu has explained universal human values, emphasizing their importance in fostering understanding and harmony among diverse cultures. By discussing values such as empathy, respect, integrity, and compassion, the speaker illustrated how these principles transcend boundaries and can guide individuals in their personal and professional lives. The session encouraged students to reflect on how embracing these values can lead to positive relationships and a more inclusive society, ultimately shaping them into responsible global citizens.




OUTCOMES OF THE INDUCTION PROGRAM:

- 1. Enhanced Understanding of the Academic Environment:** Students gained a deeper understanding of the academic structure, expectations, and resources available to support their educational journey.
- 2. Improved Physical and Mental Well-being:** The program emphasized the importance of maintaining a balanced lifestyle through physical activities and mental health practices, helping students manage stress and enhance overall well-being.
- 3. Inspiration through Art and Creative Expression:** Exposure to various forms of art and creativity inspired students to explore their own creative talents and understand the value of artistic expression in personal and professional growth.
- 4. Empowerment through Social Responsibility and Leadership:** The program encouraged students to engage in social responsibility, fostering leadership qualities and a sense of community involvement.
- 5. Increased Awareness of Human Values and Ethical Living:** Through discussions on human values and ethics, students became more aware of the importance of leading a life grounded in integrity, empathy, and respect for others.
- 6. Introduction to Extracurricular and Co-Curricular Activities:** Students were introduced to a wide range of extracurricular and co-curricular activities, helping them explore their interests and develop skills outside the academic curriculum, contributing to their all-around development.

Overall, the Student Induction Program at KSSEM was a well-organized event aimed at familiarizing new students with the institute's environment and providing a broad understanding of various engineering streams. The program also helped the newly admitted students integrate into the ethos and culture of the institution, offering them a sense of purpose and self-reflection.


Program In-charge 22/10/2024


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