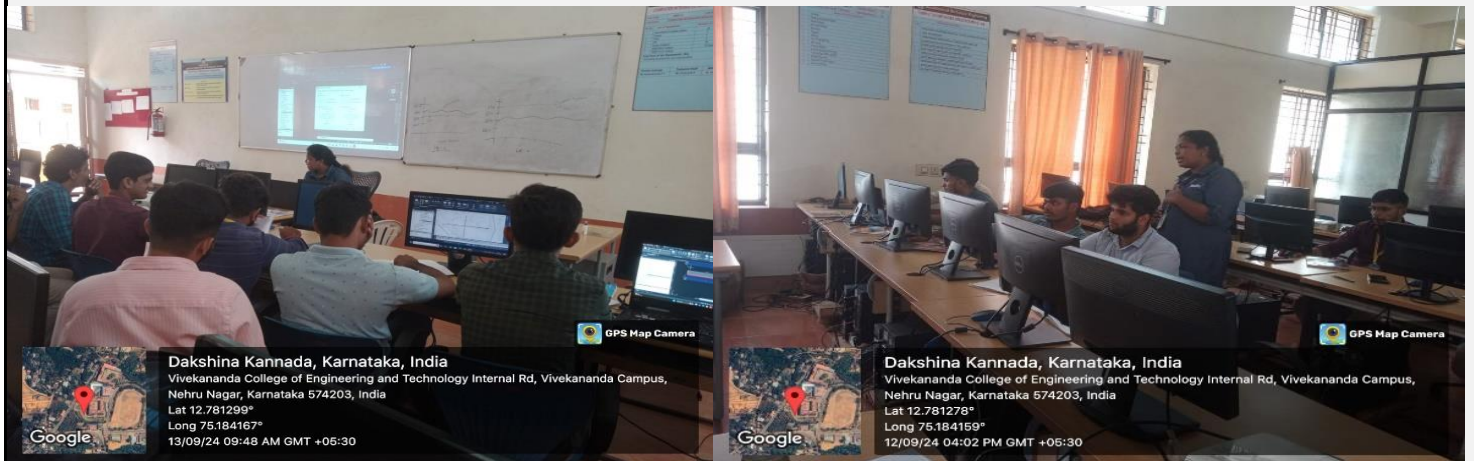


ACADEMIC YEAR 2024-2025

1	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
	Training program for 7 th sem Civil Students on STDD PRO, PRIMAVERA	27.08.2024 to 5.09.2024	7	12	Ms. Rashmi P Jadhav Ms. NANDINI G Medhini Technologies	PO1, 2,3,5,6,7,9,10,11,12 PSO2,4

The Department of Civil Engineering was conducted a specialized training program for 7th-semester Civil Engineering students to enhance their technical proficiency in industry-standard software tools: **STAAD.Pro**, **Primavera**. The program aimed to equip students with practical knowledge and improve their job readiness in the construction and infrastructure sector and to bridge the gap between theoretical concepts and real-world applications. The training program successfully provided students with essential skills in **STAAD.Pro**, **Primavera**, and **Civil 3D**, preparing them for a professional career in civil engineering. The training program was coordinated by Dr. Anand V. R., with Mr. Rakshith, the Lab Instructor, who played a key role in organizing and overseeing the sessions.



2	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
	Training program for 7 th sem Civil Students CIVIL 3D	09-09-2024 to 13-09-2024	7	12	Ms. Mamatha V Ms. Nandini Gaikwad Medhini Technologies	PO1, 2,3,5,6,7,9,10,11,12 PSO2,4

The Department of Civil Engineering conducted a specialized training program for 7th-semester Civil Engineering students to enhance their technical proficiency in industry-standard software tools, specifically Civil 3D. The program aimed to equip students with practical knowledge and enhance their job readiness in the construction and infrastructure sector, bridging the gap between theoretical concepts and real-world applications. As Civil 3D evolves, students can continue to expand their knowledge and expertise by mastering advanced features, such as 3D modeling, analysis, and design automation, making them versatile professionals capable of handling future challenges in civil engineering. The training program was coordinated by Dr. Anand V. R., with Mr. Rakshith, the Lab Instructor, providing valuable hands-on guidance and support throughout the sessions.

3	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
	“Engineer’s Day program ”	17.09.2024	3,5,7	56	Er. Jagadeesh Prasad President ACCE(I)- Belthangady Centre	PO1,2,3,12 PSO 4

The Civil Engineering Students Association (CESA) organized “ **Engineer’s Day program** ” on 17th of September 2024 for civil engineering students. The talk delivered by **Er. Jagadeesh Prasad** , chief guest of the programme talk about the **KPCE Act**, focusing on advancements and emerging trends in civil engineering.Total 56 Students were participated in the presentation. Mr. Ashuthosh , student of 7th semester delivered a brief speech on the significance of **Engineers' Day**, highlighting the contributions of engineers to society and inspiring students to uphold the values of the profession. Ms. Disha, student of 7th semester efficiently conducted the **Master of Ceremony (MOC)** for the program, ensuring a smooth and engaging flow of events. Finally, Ms. Sriraksha , Student of 7th semester, secretary, Civil Student Association proposed vote of thanks. Mrs. Surekha T was coordinated the programme.



4	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
	Technical Talk on “Low Cost House Techniques and Materials”	26.09.2024	3,5,7	56	Er. Vivek Mayya Delight homes Civil Consultancy Services, Mangalore	PO1,2,3,12 PSO 4

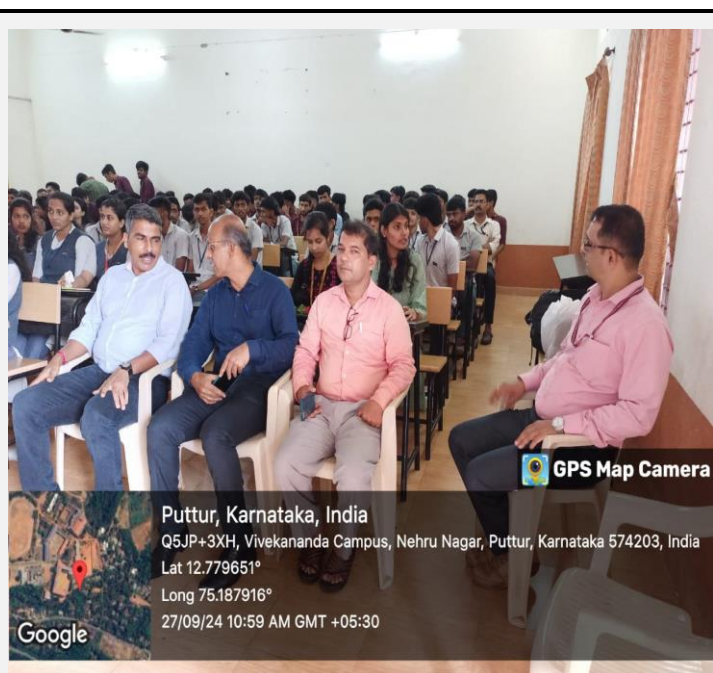
The Department of Civil Engineering organized a technical talk on “**Low-Cost House Techniques and Materials**” was conducted to educate students on innovative and cost-effective construction methods. The session was delivered by **Er. Vivek Mayya**, an expert in sustainable and affordable housing solutions. The session helped students **understand alternative housing solutions** that are practical, efficient, and environmentally friendly. The knowledge gained will be beneficial in their future careers as civil engineers, especially in the field of affordable housing development.

The event was **coordinated by Dr. Rajesh R**, with **Ms. Disha** serving as the **Master of Ceremony (MOC)** and the **vote of thanks** given by **Dr. Rajesh R**.



5	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
	Technical Talk on “Making concrete better and Durable”	27.09.2024	3,5,7	56	Er. Umesh Shetty Consulting Engineer, Mangalore	PO1,2,3,12 PSO 4

Technical Talk on “Pre execution errors & Mistakes handling & Solving”				Er. Eknath Dandigeri Structural Engineer, Mangalore	
<p>The Civil Engineering Students Association (CESA)organized “Techno Week 2024”in Association with ACCE(I), Mangalore Centre and RAMCO Cement Ltd on 27th of September 2024 for civil engineering students. The event was designed to provide valuable insights into two essential topics in civil engineering: concrete durability and pre-execution error handling. The session aimed to equip participants with technical knowledge and real-world practices for improving construction projects.</p> <p>Er. Umesh Shetty, Consulting Engineer from Mangalore, gave an insightful talk on the topic of making concrete more durable and efficient. He discussed advanced methods of enhancing the strength and longevity of concrete structures. Er. Shetty also shared his real-world experience in managing projects that focused on concrete sustainability, providing attendees with both theoretical knowledge and practical insights.</p> <p>Er. Eknath Dandigeri, a Structural Engineer from Mangalore, delivered an engaging presentation on handling pre-execution errors in construction projects. He highlighted the importance of thorough planning and mistake identification before starting the execution phase. Er. Dandigeri emphasized the importance of risk management in construction, particularly in avoiding delays and cost overruns caused by preventable mistakes. The session was expertly coordinated by Dr. Subrahmanya R M, who ensured smooth transitions between the speakers and maintained the flow of the event. The MC for the event, Disha, was responsible for keeping the audience engaged and ensuring the event adhered to the schedule. Prof. Prashantha, Head of the Department, delivered the welcome speech. The event concluded with a heartfelt vote of thanks by Ms. Disha, a 7th-semester student. The technical talk was an enlightening and enriching experience for all participants. Both speakers, Er. Umesh Shetty and Er. Eknath Dandigeri, provided expert advice on improving concrete durability and managing pre-execution errors, respectively. The event fostered learning, collaboration, and a deeper understanding of critical issues in the construction industry.</p>					



6	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
	Industrial Visit to” Yettinahole Integrated Drinking Water Supply Project, Belur Chennakeshava temple, Hassan airport , Holenarispura Ramanathpura , Harangi dam .	1/10/2024 & 2/10/2024	7,5,3	56	1.Mr Iqbal AEE Yettinahole Project 2.Mr. Kusumakar Incharge,Hassan Airport	PO1, 2,3,6,7,8,9,10,1112 PSO1,2,4

Department of Civil Engineering organized an industrial visit conducted for 2nd, 3rd and final year students. The visit was planned to visit Hassan and Kodagu. The first visit was scheduled for The Yettinahole Integrated Drinking Water Supply Project in Sakleshpur. The project is dramataka's precious project and the engineering for construction and planning of water supply for more than 5 districts to supply drinking water in drought areas. The engineer, Mr Iqbal AEE, presented a detailed flow chart of how the plant actually works, the project faced many obligations and the cost of project kept increasing each passing year at present. The cost is estimated to be Rs. 22,000 crores. The operation is managed by two companies, one from Udupi and the other company was Amrutha (5 pumps). Both were divided into two chambers, where the Udupi Construction company had 7 pumps with one on standby, and each pump was with horsepower of over 15,500. For students, reality application was very useful in what is thought in colleges.

After the visit to Yettinahole project, as part of the journey, a visit to Belur Chennakeshava temple, also the vast heritage and history of sculptures and carvings, which itself is marvellous engineering in the construction of temples,

which still have a beautiful environment, the lunch for all students and faculty members had lunch in premises of temple.

The most awaited place was to visit Hassan airport. The engineer in-charge of the project, Mr. Kusumakar made a walk around the airport. The engineer's explanation was very helpful and then in detail. The ongoing project work and future developments were also discussed with students. During the visit, it was observed that the runway of the airport and apron portion was already completed. The airport terminal work was amazing. With a combination of RCC and steel structure along with traditional exterior work. The airport is beautifully designed and planned. It is located on the outskirts of the city, which helps the city to be expanded further. The direction of the runway was from the East to West direction, more about airport operations and the number of passengers and all the cases related during emergency situations, how the airport would manage things were explained. The construction of ATS was going on the west part of the airport. After the visit to the airport, the participants for the Industrial visit spend a night in a final year student's house. The hospitality of the family was very welcoming. All the necessary arrangements were made without any issues for the students.

On October 2nd of 2024, the journey resumed, and the next place was scheduled to visit Harangi dam. On the way to visit Harangi dam after the departure from Holenarispura took the blessings of temples in Ramanathpura. Next, while visiting the dam, all the security rules were followed. The dam was surrounded full of greenery and students enjoyed the view. The engineer in-charge explained about the dam and the necessity of storing water of 8.5 TMC capacity. The dam can supply up to 8 TMC for the use of agriculture and drinking purposes. The dam also supplies the water for the generation of electricity; it was good to see the construction of an earthen dam. The beautiful part of visiting the dam was the design of the opening gates of the dam, which open like arch style and in total there were 4 gates which were amazing to see.

Overall, the dam visit was very informative for all the students, the lunch was planned at Kushalnagara. The industrial visit was very valuable, and the students enjoyed the time together with friends. During the visit, Dr Sowmya NJ, Surekha T and attender Rajesh R of Civil Engineering accompanied the students.



7	Activities	Date- Month- Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
	A Talk on “ Canara Aspire”	25/10/2024	7,5,3	56	Sri Shriramappa General Manager Canara Bank, Main Branch Puttur	PO10,11,12 PSO 4

The Department of Civil Engineering successfully organized an expert talk on "Canara Aspire – Finance for Students", delivered by Sri Shriramappa. The session aimed to educate students on financial literacy, banking opportunities, and financial planning for their future.

During the session, Sri Shriramappa provided valuable insights into various financial schemes, banking services, and investment strategies tailored for students. The talk emphasized the importance of early financial planning, responsible spending, and leveraging financial tools for career growth.

The event was highly interactive, with students actively engaging in discussions and queries related to education loans, savings, and investment options. The session proved to be immensely beneficial in enhancing financial awareness among students, equipping them with essential knowledge to make informed financial decisions.

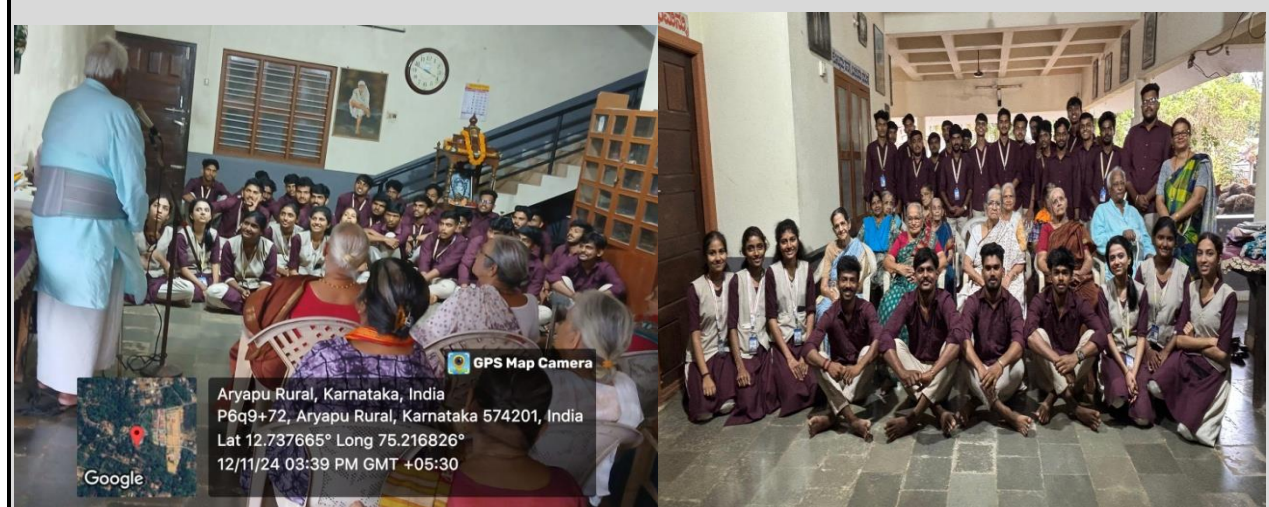
The Department of Civil Engineering expresses gratitude to Sri Shriramappa for his valuable time and expertise in guiding students toward financial independence and planning.



8	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
	A Visit to Anandashram-Social Connect Program	12-11-2024	3,5	29	Dr. Sowmya NJ	PO-6,8,10,12 PSO-1

On dated 12/11/24 afternoon a visit was organised to the students of Civil Engineering Department VCET Puttur to Anandashram which is located at Mukrampady near the Darbey, Puttur. Anand ashram seva trust is a charitable service mission started by Dr Gowri Pai a leading gynecologist in Puttur, Karnataka state. She is the vice president of Sri Ramakrishna seva samaj Puttur which runs Sharadamani anathalaya (orphanage) a working women's hostel, a destitute cottage and a adoption centre. Anandashram seva trust with "Vaanaaprastha" and "Jeevan Sandhya" schemes of old age homes started by her to look after the aged people who needed shelter with love, affection, reverence and comforts. It is her wish that this aged people should leave happily in the eves of their

lives. The students of second year (9 students) and third year (20 students) of civil engineering with the supervision of Dr Sowmya N J Professor Dept. Of Civil Engineering, visited Anandashram at 2:00 p.m. At the end the students performed entertainment programs like solo, group songs and dance to entertain the residents of the ashram. Professor Dr Sowmya N J shared her thoughts about a joint family, respect and love among the members of the family some of the elders residing in the Ashram spoke about them and their family also motivated the students. The whole visit enlightened the students about importance of Joint family and it's values. One of the resident of the Ashram was a retired IIT Professor who was expert in structural engineering interacted with students by asking questions regarding construction related issues. It was observed that even though some of the residents of Ashram are having their families but they decided not to depend on their family and wanted to spend their retired life happily with similar minded people. The students of Civil Engineering Department spent valuable hours with the residents of Ashram which created a healthy bond. The students arranged snacks and juices during the visit. The students explored the ashram which provided a sense of peace and refreshing experience. The ashram also has a cancer treatment centre dedicated to helping patients in need. At the end the students boarded the bus to return to the college by assuring everyone that the team would come back with better entertainment activities and spend more time in ashram.



9	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
	Social connect visit to Marike farm	13-11-2024	3 rd	9	Mr. Sadhashiva Marike	PO-6,8,10,12 PSO-1

On dated 13-11-24 a visit was conducted by students of Civil Engineering and Mechanical Engineering Students to Marike Farm located near Santyar,Puttur. Marike farms is a pioneering model of sustainable agriculture and conservation. The farm showcases a range of innovative practices that promote eco-friendly farming, conserve natural resources, and preserve biodiversity. This essay provides an in-depth overview of MarikeFarm's initiatives and highlights its significance as a model for sustainable agriculture and conservation.

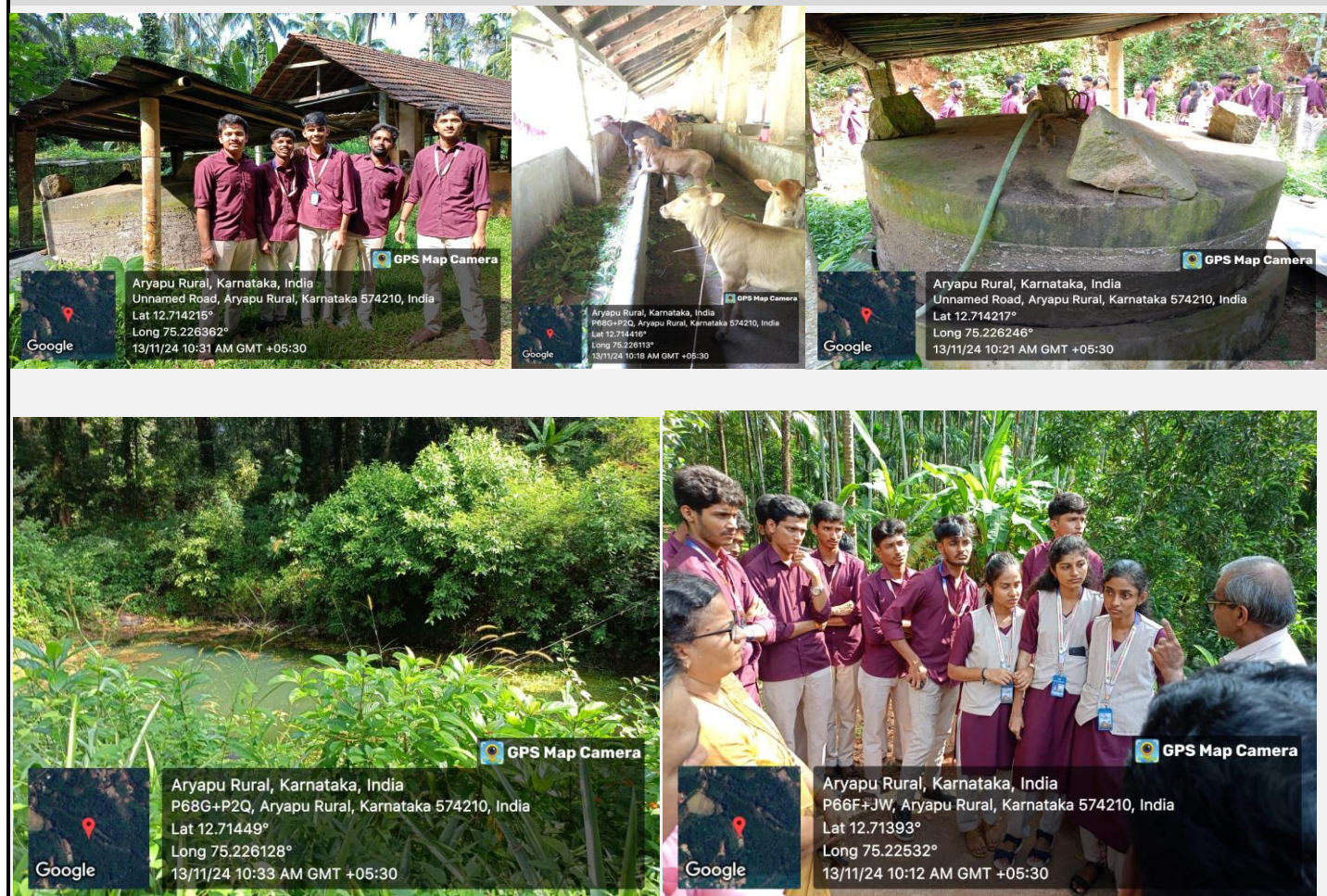
The students of second year (9 students) of Civil Engineering and second year(28students)of Mechanical engineering with the supervision of Dr Sowmya N J Professor Dept. Of Civil Engineering and Prof.Harish Dept. Of Mechanical Engineering, visited Marike Farms at 10:00 am. The students interacted with the owner of Marike farms Sri Sadashiva .The students noticed one of the features of Marike Farm was its system for conserving stream water for irrigation during the dry season. The farm has implemented a unique method of storing stream water in a specially designed pond. This water is then used for irrigation purposes, reducing the farm's reliance on groundwater and minimizing its environmental impact.



The owner took the students to farm tour to the forest which was developed by himself where he also implemented collection pits(ingugundi) to increase the ground water level. The pit collects rainwater and allows it to percolate into the soil, recharging the ground water table. This not only helps to maintain a healthy water table but also reduces the risk of water scarcity during dry periods. The farm has also installed a bio-gas pit (gobar gas) that converts organic waste from the cow shed into renewable energy. Also one of the notable features was most of the cows were Indian Desi cows.

The farm has carefully cultivated a range of plants that are on the verge of extinction, providing a safe haven for these species to thrive. The students got the awareness by this type of initiatives not only promotes biodiversity but also helps to preserve the region's rich cultural heritage which should be followed in their life also. After the interaction students the students had snacks and juices and tasted Natural Ice cream, which is manufactured in the brand name called Marike's Natural Icecream. In which they use naturally derived flavours to make icecream and

the special is that their steps towards sustainability in form of using arecanut leaf as icecream cups and spoons which is ecofriendly and tasty. Marike Farm is a pioneering model of sustainable agriculture and conservation. The farm's innovative approaches to water conservation, groundwater recharge, renewable energy, and eco-friendly farming practices make it a model for environmentally conscious. The farm's commitment to preserving medicinal and rare species of plants and trees also highlights its dedication to promoting biodiversity and preserving cultural heritage. At the end the students boarded the bus to return to the college by thanking the owner for providing such a wonderful knowledge and opportunity.



10	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
	Field visit to “Sewage Treatment Plant, Vivekananda Campus”	21-11-2024	3	9	Prof.Prashantha Dept.of Civil Engineering V.C.E.T, Puttur	PO 1,2,3,12 PSO 4

The field visit to the Sewage Treatment Plant (STP) at Vivekananda Campus was organized to provide students with practical exposure to wastewater treatment processes. The visit aimed to enhance understanding of sewage management, treatment techniques, and the importance of sustainable water usage. The STP at Vivekananda Campus follows a systematic approach to treat sewage water before its safe discharge or reuse. The STP effectively treats wastewater and reduces environmental pollution. Automation in certain processes enhances efficiency and reduces manual labour. Treated water quality meets regulatory standards for safe discharge. Challenges include maintenance, energy consumption, and sludge management. The visit to the Sewage Treatment Plant provided valuable insights into the importance of wastewater treatment in urban sustainability.



11	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
	IOT Lab training	26.11.2024	3	9	Er. Venkatesh	PO1,2,3,12 PSO 4

The Department of Civil Engineering organized a special training program Introduction to Internet of Things (IoT) on 26-11-2024 for 3rd Sem Civil Engineering students. The IEEE VCET student team assisted in conducting the program. During the training software and hardware components, different sensors that can be deployed for the measurement of strain, temperature, pressure, gas, smoke are explained in hands on session. Different application areas like health monitoring like structures and bridges, smart car parking, were discussed with practical examples. Around 09 students attended the training program. Dr. Rajesh R, Assistant Professor, coordinated the event.



12	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
	Drone Pilot Training	17/12/2024	3	9	Mr.Sathish K Lab Instructor Dept.of ECE V.C.E.T, PUTTUR	PO1,2,3,12 PSO-1

The Department of Civil Engineering successfully organized a Drone Pilot Training Program to educate students on drone operation, control, and applications in civil engineering. The training aimed to provide hands-on experience and theoretical knowledge about drones, their regulations, and their role in modern engineering projects. The **Drone Pilot Training Program** was a great success, providing an enriching learning experience for students and faculty members. The Department of Civil Engineering extends its gratitude to **Sri Sathish K** for his expert guidance and to **Prof. Surekha T** for her coordination. This program marks an important step in integrating modern technology into civil engineering education.



13	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
	Food fest	22/12/2024	3	09	Dr.Sowmya N J Professor V.C.E.T, PUTTUR	PO-6,8,10,12 PSO-1

Promote cultural diversity and culinary arts while fostering social connections and responsibility among students and motivate students to share the food cooked by them with the teachers and the peers and also a part of curriculum –course “ Social connect and Responsibility (BSCK307)” a food fest was arranged at E102 of Madhuchethana block for 3rd semester students of Civil Engineering Department VCET Puttur on 22/12/2024.



The **objectives** of this program are, 1. Create awareness about India’s rich culinary heritage. 2. Motivate students to engage in culinary arts and share food preparation skills with peers. 3. Recognize the importance of traditional ingredients in cooking. 4. Provide a platform for students to realize their culinary potential and consider these skills as a future livelihood option.

Students prepared and exhibited a variety of food items, including: **Snacks:** Chats, sweet corns, churumburi, pongal, vadas, gajar halwa, patrode, bread sandwiches **Desserts:** Ice cream **Drinks:** Mojito, kokum juice, lime soda, coconut milk

The **outcomes** of the program are , 1 They learned the importance of ingredients used in food preparation. 2. The platform encouraged participation in future cookery competitions. 3. Students gained insights into profit and loss management and sustainable waste handling.



14	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
Activity at Prajna Ashram		16/01/2025	7 and 5	20	Dr.Sowmya N J Professor V.C.E.T, PUTTUR	PO-8,10,12 PSO-1

To Provide support and make a positive impact on mentally challenged children's life , 10 students from 7th sem and 10 students from 5th sem Civil Engg visited Prajna Ashram which is home to mentally challenged children on 16th January, 2025. Prajna Ashram is a rehabilitation and Vocational centre for Mentally challenged Children located at Beeramale, Puttur approximately 6km from VCET Puttur. It was the privilege of civil engineering students of Civil Engg of VCET Puttur to an ashram was a heartwarming and impactful experience, reflecting the students commitment to making a positive difference in the lives of abandoned children.



PRAJNA ASHRAMA ☎ : 9164774533	
(Unit of Spandana Trust)	
Rehabilitation and Vocational Centre for Mentally Challenged	
BEERAMALE - 574 202, PUTTUR Taluk, Da. Ka., Karnataka	
No. 304	Date : 16/01/2025
RECEIPT	
Name & Address <u>Vivekananda College of Engineering and Technology, Puttur Department of Civil Engineering.</u>	
the sum of Rupees <u>Seven Thousand Only.</u>	
by Cash / Cheque* No. _____ on _____	
towards _____	
₹ 7000/-	
* Cheques subject to realisation.	
Signature _____	

This visit aimed not only to provide material support but also to offer love, care, and companionship to those in need. The day began with a sense of anticipation and excitement among the students, who participated. These donations were generously contributed by the 3rd, 5th and 7th sem civil engineering students and by the faculty Dr Sowmya N J, Professor in Civil Engg.

Upon the arrival of team civil to ashram, the group of radiant and hopeful children were greeted, whose smiles lit up the entire hall. The team spent time getting to know them, playing games, and engaging in conversations. The children's stories and aspirations moved the team civil deeply. The students pledged to continue providing support, mentorship, and educational opportunities to these children.

At the end the team Civil donated Rs. 7,000/- towards the expenditure of Prajna ashram. The team surprised by the dedicated and humbleness of the spandana trust people who take care of all residents of ashram. The students all wished then to give good health and prosperity to care of ashram. The students left the Ashram with filled hearts with gratitude and a renewed sense of purpose.

15	Activities	Date-Month-Year	Details of Participants		Details of Resource Person(s)/ Guest	Relevance to POs,PSOs
			Semester	No.s		
	Challenges in Cement Concrete Road Construction in Himalaya	19.02.2025	6,4	27	Er. Nagesh Puttaswamy, Senior Consultant	PO1,3,4,6,7 PSO 1,2,3

The Department of Civil Engineering, VCET Puttur, organized a seminar on 19th February 2025, titled *Challenges in Cement Concrete Road Construction in the Himalayas*. The session was conducted by Er. Nagesh Puttaswamy, a Senior Consultant with extensive experience in infrastructure development in challenging terrains.

The seminar aimed to educate students and faculty members about the various challenges faced in constructing cement concrete roads in the Himalayan region. Er. Nagesh Puttaswamy provided valuable insights into the complexities of working in mountainous terrain, including geological instability, extreme weather conditions, and environmental concerns. The resource person explained the various challenges encountered during Cement Concrete Road construction at Himalayas such as very low temperature, curing, freezing and thawing effect and the ways to overcome it.

