

DEPARTMENT OF CIVIL ENGINEERING V R SIDDHARTHA ENGINEERING COLLEGE



Indian Concrete Institute (ICI)-Student Chapter-VRSEC -Activities AY 2024-2025

S.No	Professional Chapter	Type of Event	Date	Event Name	Participants	International/ National/State	Outcome/Impact
1	ICI-VRSEC	Competition	26-09- 2024	"Foldstruct"	30	State	The Foldstruct Competition equips students with practical engineering experience, enhancing their creativity, problem-solving, and structural design skills. By integrating interdisciplinary concepts, it fosters sustainable and efficient solutions for real-world applications like disaster relief and space structures. Participants gain hands-on exposure, teamwork experience, and industry recognition, preparing them for future careers in engineering and design.
2	ICI-VRSEC	Workshop	08-011- 2024	"Blended Cements"	80	State	The workshop on Blended Cements enhanced students' understanding of sustainable materials, production, and applications while

							emphasizing environmental benefits. It also fostered industry-relevant skills and networking opportunities, preparing them for ecofriendly construction practices.
3	ICI-VRSEC	Field Visit	20-11- 2024	"Ground Improvement Techniques (Geo-synthetic Grid & Geo- textile) For Building Construction"	15	State	The field visit provided hands- on exposure to geosynthetic grids and geotextiles for soil stabilization in construction. Students learned their role in enhancing soil strength, conducted field tests like the Subgrade Modulus (K-Test), and gained practical insights into geotechnical engineering. This experience bridged theory with real-world applications, preparing them for industry roles.



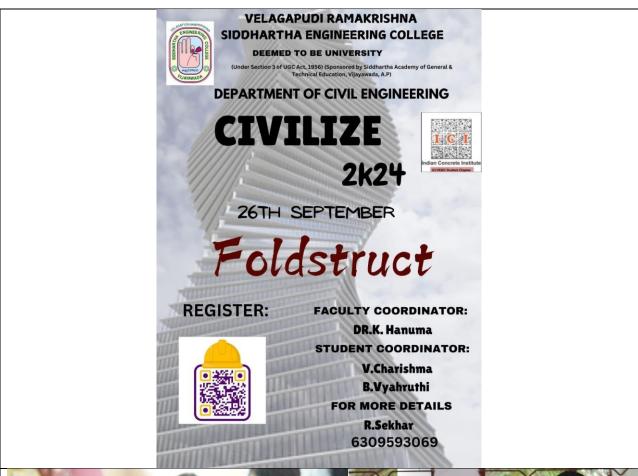
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"Foldstruct Competition"

Event Type	Competition			
Date / Duration	26-09-2024 – 10 AM to 5 PM			
Resource Person	Mr. A.D.Kumar, Assistant Professor, CED-VRSEC			
Name of Coordinator Dr.Hanuma Kasagani, Assistant Professor, CED-VRSEC				
Target Audience	B.Tech-students of Civil			
Total no of Participants	30			
Objective of The-event	The Foldstruct Competition is typically aimed at students to encourage innovation in foldable and deployable structures used in engineering, architecture, and design. The main objectives of the competition are: Encourage Structural Creativity, Apply Engineering & Design Principles, Hands-on Learning, Sustainability & Efficiency and Real-World applications			
Outcome of The-event	The Foldstruct Competition equips students with practical engineering experience, enhancing their creativity, problem-solving, and structural design skills. By integrating interdisciplinary concepts, it fosters sustainable and efficient solutions for real-world applications like disaster relief and space structures. Participants gain hands-on exposure, teamwork experience, and industry recognition, preparing them for future careers in engineering and design.			
Feedback / Suggestions	B. Tech students gave positive feedback on the Foldstruct Competition and requested more programmes in this manner.			

Photos







Attendance:





Student civil



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Workshop on "Blended Cements"

Event Type	Workshop				
Date / Duration	08-011-2024 – 11:30 AM to 1:00 PM				
Resource Person	Sri YTVV Prasad, Technical Head, Maha Cement				
Name of Dr.Hanuma Kasagani, Assistant Professor, CED-VRSEC Coordinator					
Target Audience M.Tech & B.Tech - Students, Faculty members of Civil and Research scho					
Total no of Participants	80				
Objective of The-event	The objective of the workshop on "Blended Cements" is to provide a comprehensive understanding of the benefits, challenges, and applications of blended cements in modern construction.				
The workshop on "Blended Cements" provided students with valuable sustainable construction materials, enhancing their understanding of ble composition, production, and applications. It equipped them with practic of advanced techniques, fostering skills relevant to industry demand emphasized the environmental benefits of blended cements, inspiring adopt eco-friendly approaches in their future projects and research. Offered opportunities for networking with professionals and peers, prepared to contribute meaningfully to the evolving construction landscape.					
Feedback / Suggestions	M.Tech & B.Tech students and faculty gave positive feedback on the Guest Lecture on Sustainability in Cement Industry and Soft Skills Required for CE Students and requested more programmes in this manner.				

Photos











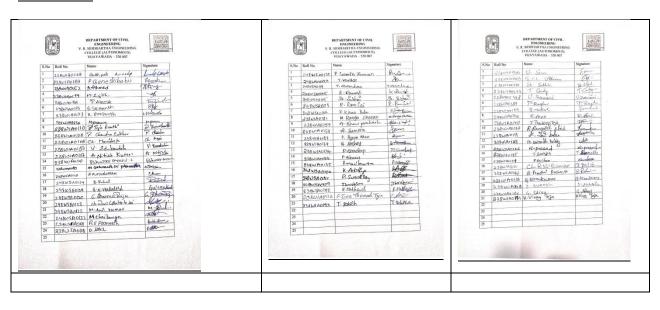


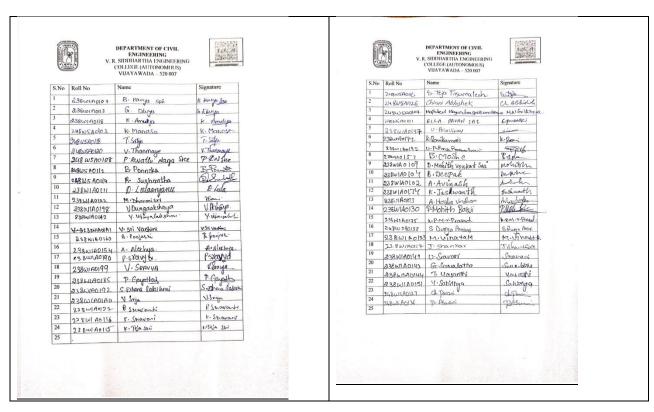




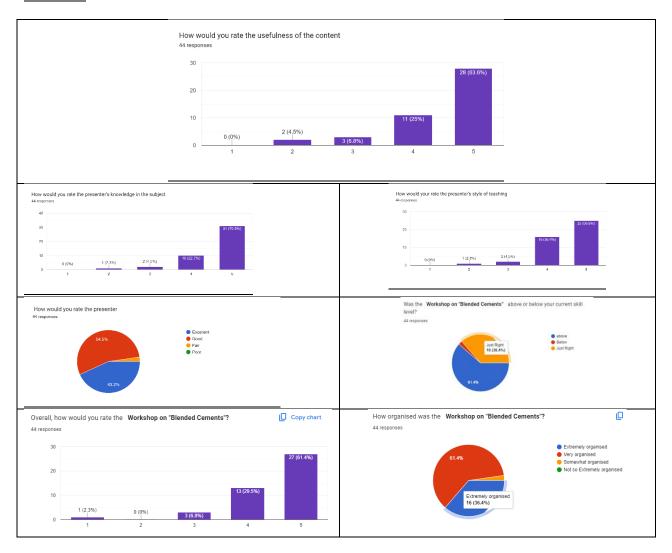


Attendance:





Feedback:



Dr. Hanuma Kasagani Assistant Professor, CED-VRSEC, Coordinator ICI-VRSEC-Student-Chapter Dr. Ch. Srinivas Professor & HoD CED-VRSEC



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Field Visit on "Ground Improvement Techniques (Geo-synthetic Grid & Geo-textile) For Building Construction"

Event Type	Field Trip				
Date / Duration	20-11-2024 – 10 AM to 12 PM				
Resource Person	Dr.NRK Murthy and Dr G.V Rama Subba Rao, CED VRSEC				
Name of Coordinator	Dr.Hanuma Kasagani, Assistant Professor, CED-VRSEC				
Target Audience	M.Tech-students and Faculty members of Civil				
Total no of Participants	15				
Objective of The-event	The objective of the "Field Visit on Ground Improvement Techniques (Geosynthetic Grid & Geotextile) for Building Construction" was to provide participants with practical insights into modern ground stabilization methods. The visit emphasized the application and benefits of geosynthetic grids and geotextiles in improving soil strength, enhancing load distribution, and ensuring the stability of building foundations. By witnessing these technologies in real-world scenarios, participants gained a comprehensive understanding of their significance in addressing geotechnical challenges, promoting efficient construction practices, and contributing to sustainable and resilient infrastructure development.				
Outcome of The-event	The field visit on "Ground Improvement Techniques (Geosynthetic Grid & Geotextile) for Building Construction" offered students practical exposure to advanced soil stabilization technologies and their real-world applications. Students learned the significance of geosynthetic grids and geotextiles in improving soil strength and ensuring structural stability. Additionally, they gained insights into conducting essential field tests such as the Subgrade Modulus (K-Test), which involves placing a rigid plate on the prepared subgrade, applying incremental loads, and measuring the corresponding displacements to evaluate the soil's load-bearing capacity. This handson experience not only enhanced their technical skills but also bridged theoretical knowledge with field practices, preparing them for effective roles in geotechnical and construction engineering.				
Feedback / Suggestions	M. Tech students gave positive feedback on the Field Trips and requested more programmes in this manner.				

Photos





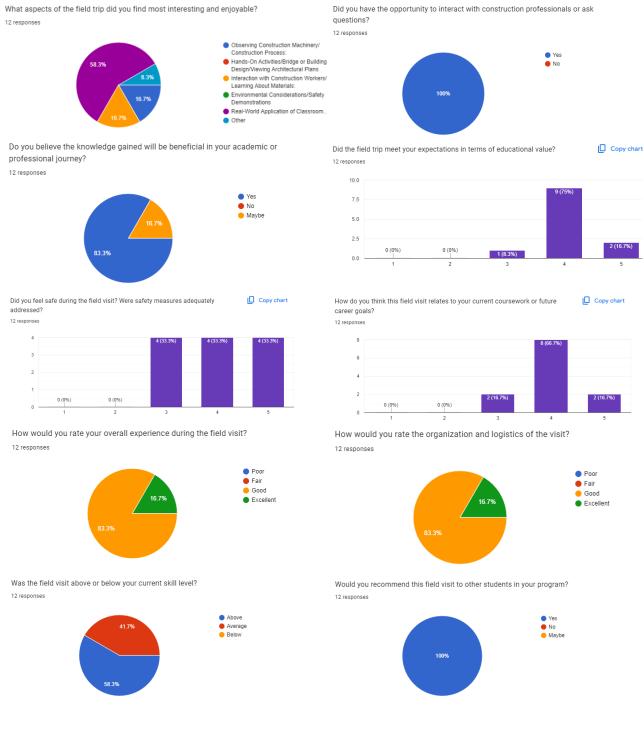
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Feedback



Dr. Hanuma Kasagani Assistant Professor, CED-VRSEC, Coordinator ICI-VRSEC-Student-Chapter

Dr. Ch. Srinivas

Dean, Panning, Monitoring & Alumni Affairs

& HoD CED-VRSEC