

SAKTHI POLYTECHNIC COLLEGE, SAKTHINAGAR
DEPARTMENT OF CIVIL ENGINEERING
CENTRE FOR GEOSPATIAL SPC
ACTIVITY REPORT August 2025

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Value-Added Certificate Course on Digital Surveying (Drone & DGPS) on 05.08.2025 to 08.08.2025

The Centre for Geospatial SPC, in collaboration with the Department of Civil Engineering and Land Coordinate Technology, Chennai, successfully organized a comprehensive Value-Added Certificate Course on Digital Surveying (Drone & DGPS). This intensive four-day program, held from August 5th to August 8th, 2025, from 9:00 AM to 5:00 PM regularly, was designed to equip participants with advanced skills in modern surveying techniques. A total of 31 participants, comprising students and professionals, benefited from the hands-on training and theoretical sessions.



The course commenced with a distinguished inaugural function on August 5th, 2025. Dr. R. Shanmugam, the Head of the Department of Civil Engineering, delivered the welcome address, setting a professional and encouraging tone for the event. The Presidential Address was delivered by Dr. S. Senthil Arasu, Principal, who highlighted the growing importance of digital surveying in the field of civil engineering. Dr. K. R. Muthuswamy, Director, graced the occasion with a felicitation address, underscoring the course's relevance to industry demands.



The training sessions were expertly led by Mr. A. Selvam, the Managing Director of Land Coordinate Technology, Chennai, and his proficient team. The resource persons provided in-depth instruction on the practical application of drones and Differential Global Positioning System (DGPS) technology. Participants demonstrated a keen interest in operating the equipment, particularly the drones and DGPS units, and in learning to process and map the collected data using specialized software. This hands-on approach ensured that all participants gained valuable, practical experience, which is critical for real-world application.



The course concluded with a valedictory function and certificate distribution ceremony on August 8th, 2025. The participants received certificates acknowledging their successful completion of the course, a testament to their dedication and hard work. The program was meticulously organized and executed, thanks to the dedicated efforts of Mr. V. Manimuthu, the Coordinator of the Centre for Geospatial SPC.



The success of the program was a collective effort. The organizing team extends its gratitude to the staff coordinators, Mr. M. Chandran, Lecturer/Civil, and Mrs. M. Mallamma, Head of the Department of Agricultural Technology, for their unwavering support. Special thanks are also due to the organizing team members: Mrs. C. Sowmitha, Mr. P. Dhanasekaran, Mr. S. Marimuthu, Mr. P. G. Sanjaiprasath, and Miss. K. Monisha, whose diligent and tireless efforts were instrumental in the successful conduct of the event.

