

Green Building Technologies (GBT)

Southern Alberta Institute of Technology (SAIT)

📍 Calgary, AB



ABOUT GBT

Green Building Technologies researchers work with industry partners and students through SAIT's Applied Research and Innovation Services department and through support of the NSERC Technology Access Centre grant. The objective is to help small-to-medium-sized enterprises to develop new technologies and processes, enhancing the commercialization of green technologies in Canada.



Team PV Course



Contact GBT

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RESEARCH AND INNOVATION EXPERTISE

EXPERTISE

1. Assistance with building products approvals and commercialization
2. Concept ideation and design review
3. Design services
4. Early-stage business development
5. Fabrication, prototyping and installation services
6. Field trials/simulation
7. IP protection facilitation
8. Marketing advisory services referrals
9. Performance monitoring and management
10. Project management
11. Proof of concept
12. Rapid prototyping/3D printing
13. Scientific and technological monitoring
14. Scientific report writing
15. Technology and workflow consultation
16. Technology development
17. Business development and market research services
18. Competitive assessments
19. Competitive market analysis

Previous Research Projects

- Net-Zero Energy and Energy-Positive Design
- Building-Integrated Renewable Energy
- Architectural Ecology
- Energy Management and Monitoring
- Materials and Advanced Component Assembly
- Education and Industry Transformation

