

COVID-19 RESPONSE REPORT

Despite the new and rapid change the COVID-19 pandemic has brought, WIMTACH has continued to adapt and provide material support to its network of industry partners, faculty and students. Employment, engagement and empowerment have been guiding approaches to maintain continuity in collaboration with industry partners, correspondence with students and faculty and applied research projects with everyone.

THE NUMBERS

9

Online trainings provided (Data analysis & Solid Works)

27

New and returning Centennial faculty as Principal Investigators

33

Applied research projects

37

Services provided: Technical consultation and Interactive visits

79

New and returning Centennial students as Student Researchers

THE IMPACT

Employment

WIMTACH maintained the continuity of employment for all. As a result, students continued to gain experiential learning, faculty continued to gain professional development opportunities and industry partners broadened their networks and deepened their technical knowledge via WIMTACH trainings.

Engagement

The WIMTACH team has maintained a high level of engagement with students, industry partners and faculty by creating an online community of support via check-ins, increased availability and regular meetings. Applied research projects have also continued.

Empowerment

Students, faculty and industry partners have been able to rely on WIMTACH to be adaptable and flexible with schedules, work loads and timelines. This enhanced the capacity of everyone to build and maintain personal and professional routines.

THE TESTIMONIALS

“The team is pretty good . Very responsive, very active. The communication has been good and it seems like all areas have been covered.” – Hakim



“The [Acumade] project has helped create a knowledge base that I can rely on... We go through product development, product design, marketing issues, intellectual property issues etc. So these are all real-life things that I’m doing through WIMTACH that I can bring into the classroom and say, “Look at what we’re doing.” It’s not just this “potential company that is doing this” ...it’s here at Centennial College...It’s been a great bridge between the theoretical and the reality.” – Brendan Chapman, Professor

“Working with WIMTACH during the pandemic means a possibility to grow without a break that would leave me without ongoing job experience...WIMTACH helped me to organize my day, by scheduling meetings at a comfortable time for me. I never had a problem attending those as the schedule is always discussed with the team.” – Oleksandr Palchevskyi, Student



[Click here for more testimonials](#)

THE STORIES

WIMTACH brings Treasured Inc.'s storytelling To life with artificial intelligence expertise

WIMTACH facilitates new business growth for Winters Instruments with mobile app development

Centennial professor's dedication led to WIMTACH project innovation

Mama's Life Products sees sales quadruple on new website designed by WIMTACH

#WIMTACHatHome series: highlights students and faculty stories of

WIMTACH provides web app expertise to growing nutraceutical company Namena

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THE SPOTLIGHT: THE VENTILATOR PROJECT



In line with the College's vision to transform lives and communities, the Wearable, Interactive and Mobile Technology Access Center in Health (WIMTACH) is working virtually to develop a novel, portable ventilator to assist with respiratory care for COVID-19 patients. This idea and design have been developed by WIMTACH team members Dr. Yashodhan Athavale, Dr. Pouria Tavakkoli, Zeziel Vidad, Majura Maheswaran, Director of WIMTACH Dr. Purnima Tyagi, and SETAS Professor Robert Wickson.

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